APPENDIX A – PHOTOGRAPHIC INVENTORY

Photo 1: Culvert C1, downstream face (looking west)

Photo 2: Culvert C1, downstream channel (looking east)

Photo 3: Culvert C1, upstream face (looking east)

Photo 4: Culvert C1, upstream channel (looking west)

Photo 5: Culvert C2, downstream face (looking north)

Photo 6: Culvert C2, downstream channel (looking south)

Photo 7: Culvert C2, upstream face (looking south)

Photo 8: Culvert C2, upstream channel (looking north)

Photo 9: Culvert C3, downstream face (looking east)

Photo 10: Culvert C3, downstream channel (looking west)

Photo 11: Culvert C3, upstream face (looking west)

Photo 12: Culvert C3, upstream channel (looking east)

Photo 13: Culvert C4, downstream face (looking west)

Photo 14: Culvert C4, downstream channel (looking east)

Photo 15: Culvert C4, upstream face (looking east)

Photo 16: Culvert C4, upstream channel (looking west)

Photo 17: Culvert C5, downstream face (looking west)

Photo 18: Culvert C5, downstream channel (looking east)

Photo 19: Culvert C5, upstream face (looking east)

Photo 20: Culvert C5, upstream channel (looking west)

Photo 21: Culvert C6, downstream face (looking west)

Photo 22: Culvert C6, downstream channel (looking east)

Photo 23: Culvert C6, upstream face (looking east)

Photo 24: Culvert C6, upstream channel (looking west)

Photo 25: Culvert C7, downstream face (looking west)

Photo 26: Culvert C7, downstream channel (looking east)

Photo 27: Culvert C7, upstream face (looking east)

Photo 28: Culvert C7, upstream channel (looking west)

Photo 29: Culvert C8, downstream face (looking west)

Photo 30: Culvert C8, downstream channel (looking east)

Photo 31: Culvert C8, upstream face (looking east)

Photo 32: Culvert C8, upstream channel (looking west)

Photo 33: Culvert C9, downstream face (looking west), submerged

Photo 34: Culvert C9, downstream channel (looking east)

Photo 35: Culvert C9, upstream face (looking east)

Photo 36: Culvert C9, upstream channel (looking west)

Photo 37: Culvert C10, downstream face (looking west)

Photo 38: Culvert C10, downstream channel (looking east)

Photo 39: Culvert C10, upstream face (looking east)

Photo 40: Culvert C10, upstream channel (looking west)

Photo 41: Culvert C11, downstream face (looking west)

Photo 42: Culvert C11, downstream channel (looking east)

Photo 43: Culvert C11, upstream face (looking east)

Photo 44: Culvert C11, upstream channel (looking west)

Photo 45: Culvert C12, downstream face (looking west)

Photo 46: Culvert C12, downstream channel (looking east)

Photo 47: Culvert C12, upstream face (looking east)

Photo 48: Culvert C12, upstream channel (looking west)

Photo 49: Bridge B1, downstream face (looking west)

Photo 50: Bridge B1, downstream channel (looking east)

Photo 51: Bridge B1, upstream face (looking east)

Photo 52: Bridge B1, upstream bank (looking north)

Photo 53: Culvert C13, downstream face (looking west)

Photo 54: Culvert C13, downstream channel (looking north)

Photo 55: Culvert C13, upstream face (looking east)

Photo 56: Culvert C13, upstream channel (looking west)

Photo 57: Culvert C14, downstream face (looking west)

Photo 58: Culvert C14, downstream channel (looking south)

Photo 59: Culvert C14, upstream face (looking east)

Photo 60: Culvert C14, upstream channel (looking west)

Photo 61: Culvert C15, downstream face (looking west)

Photo 62: Culvert C15, downstream channel (looking east)

Photo 63: Culvert C15, upstream face (looking east)

Photo 64: Culvert C15, upstream channel (looking west)

Photo 65: Storm Sewer S1, downstream manhole

Photo 66: Storm Sewer S1, downstream manhole (looking east)

Photo 67: Storm Sewer S1, upstream face (looking east)

Photo 68: Storm Sewer S1, upstream channel (looking west)

Photo 69: Culvert C16, downstream face (looking west)

Photo 70: Culvert C16, downstream channel (looking east)

Photo 71: Culvert C16, upstream face (looking south-east)

Photo 72: Culvert C16, upstream channel (looking south with C18 on the right)

Photo 73: Culvert C18, downstream face (looking west)

Photo 74: Culvert C18, downstream channel (looking east towards C16)

Photo 75: Culvert C17, downstream face (looking west)

Photo 76: Culvert C17, downstream channel (looking east)

Photo 77: Culvert C17, upstream face (looking east)

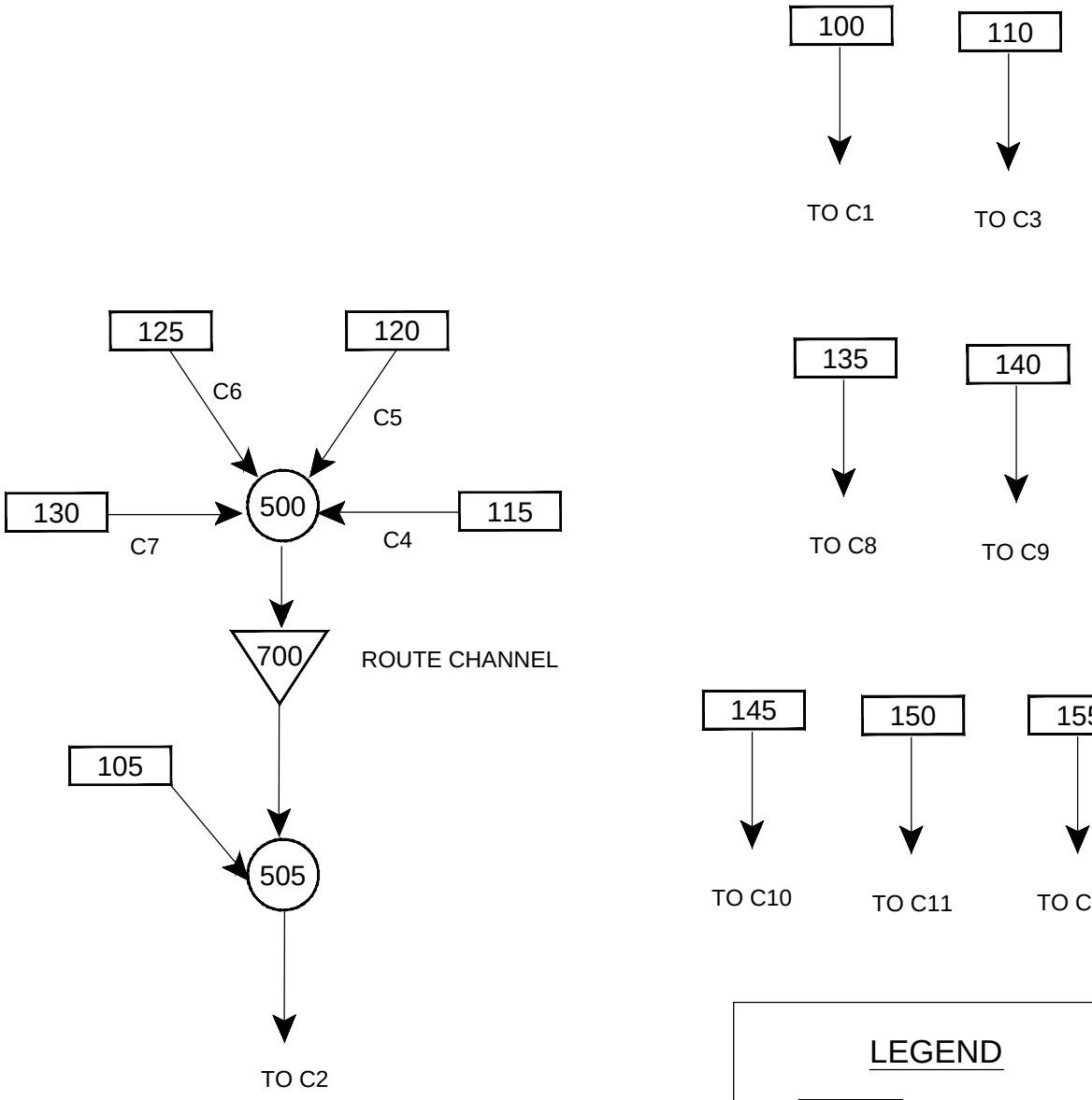
Photo 78: Culvert C17, upstream channel (looking west)

APPENDIX B –HYDROLOGIC MODELLING SUMMARY

Appendix B

Hydrologic Modelling Summary
Existing Conditions

Conservation Halton Jurisdiction



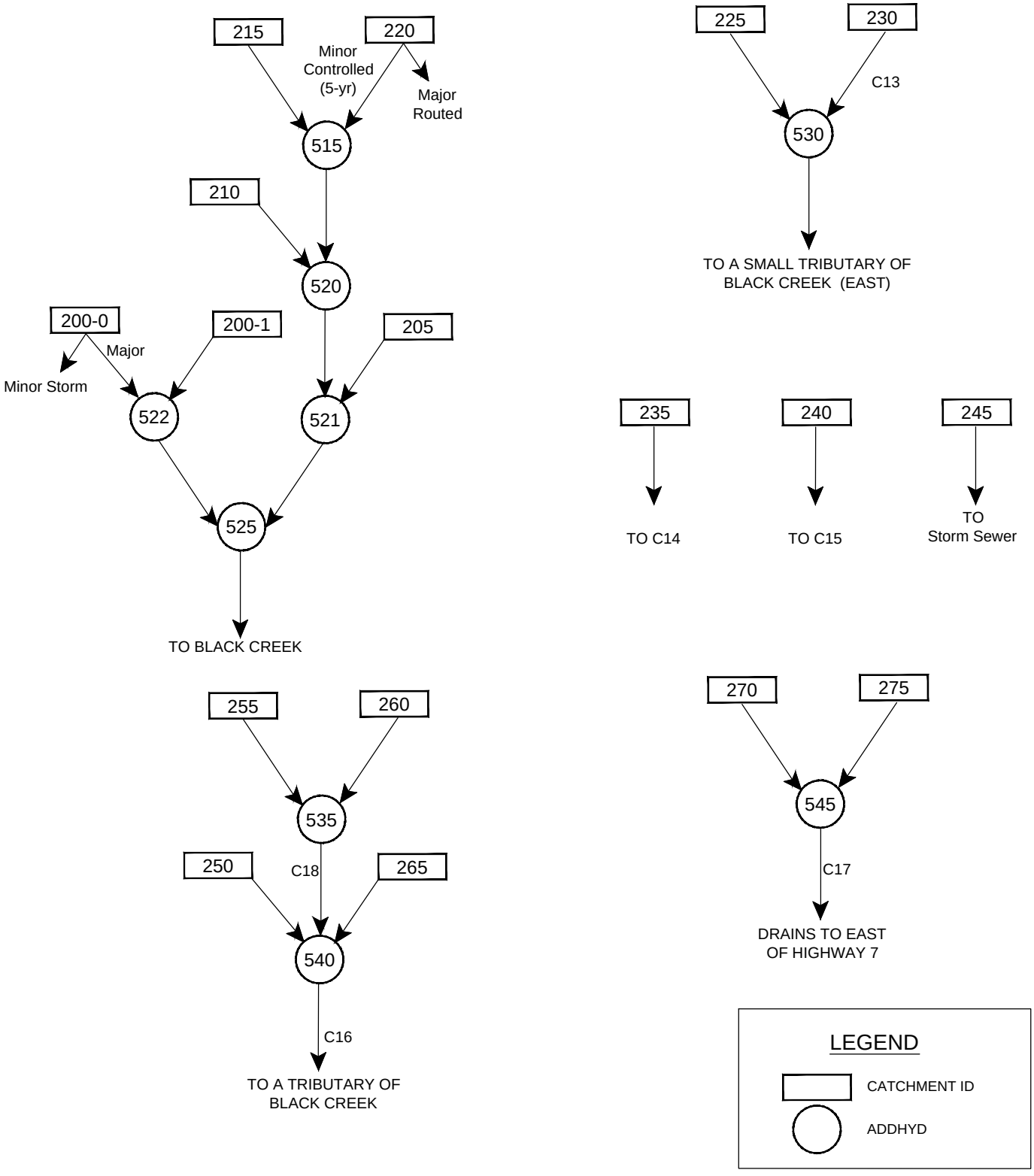
MMM GROUP

SWMHYMO SCHEMATIC - EXISTING CONDITIONS

TRAFALGAR ROAD ENVIRONMENTAL ASSESSMENT

APPENDIX B

Credit Valley Conservation Jurisdiction



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SWMHYMO SCHEMATIC - EXISTING CONDITIONS

TRAFALGAR ROAD ENVIRONMENTAL ASSESSMENT

APPENDIX B

3214006 Trafalgar Road EA

Hydrologic Analysis - Existing Conditions - Summary of Peak Flows

16Mile Creek Watershed - Conservation Halton Jurisdiction

NHYD	24-hour SCS Storm Distribution						Flow To
	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
100	**1.830**	**2.708**	**3.405**	**4.299**	**5.031**	**5.585**	**C1**
125	0.460	0.704	0.902	1.162	1.379	1.545	**C6**
120	0.153	0.236	0.304	0.393	0.468	0.525	**C5**
130	0.497	0.760	0.975	1.256	1.489	1.668	**C7**
115	0.040	0.051	0.060	0.071	0.081	0.089	**C4**
500	1.087	1.660	2.132	2.752	3.269	3.666	
700	0.661	1.008	1.286	1.679	2.018	2.284	
105	6.652	10.073	12.833	16.420	19.388	21.651	
505	**7.209**	**10.926**	**13.925**	**17.815**	**21.033**	**23.482**	**C2**
110	**0.246**	**0.364**	**0.457**	**0.574**	**0.670**	**0.741**	**C3**
135	0.272	0.427	0.555	0.725	0.867	0.977	**C8**
140	0.735	1.129	1.448	1.864	2.208	2.471	**C9**
145	0.869	1.317	1.680	2.155	2.548	2.849	**C10**
150	1.402	2.154	2.769	3.579	4.255	4.774	**C11**
155	0.633	0.975	1.255	1.624	1.931	2.167	**C12**

NHYD	24-hour Chicago Storm Distribution					
	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr
100	**1.615**	**2.581**	**3.332**	**4.365**	**5.147**	**5.794**
125	0.397	0.658	0.868	1.162	1.389	1.579
120	0.129	0.217	0.287	0.387	0.463	0.529
130	0.428	0.711	0.937	1.255	1.500	1.705
115	0.043	0.058	0.067	0.080	0.090	0.099
500	0.933	1.555	2.045	2.746	3.285	3.740
700	0.581	0.954	1.246	1.680	2.034	2.333
105	5.978	9.603	12.502	16.442	19.537	22.032
505	**6.467**	**10.404**	**13.552**	**17.826**	**21.179**	**23.878**
110	**0.209**	**0.338**	**0.437**	**0.573**	**0.672**	**0.758**
135	0.226	0.389	0.522	0.711	0.856	0.981
140	0.620	1.043	1.380	1.851	2.210	2.514
145	0.756	1.240	1.626	2.165	2.579	2.925
150	1.240	2.038	2.683	3.580	4.285	4.862
155	0.547	0.913	1.207	1.623	1.944	2.213

NHYD	12-hour Chicago Storm Distribution					
	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr
100	**1.333**	**2.230**	**2.839**	**3.739**	**4.353**	**5.011**
125	0.322	0.561	0.728	0.981	1.157	1.347
120	0.104	0.185	0.242	0.328	0.388	0.453
130	0.347	0.605	0.786	1.060	1.249	1.455
115	0.042	0.056	0.065	0.077	0.085	0.094
500	0.756	1.323	1.721	2.315	2.733	3.187
700	0.472	0.812	1.046	1.392	1.657	1.946
105	4.882	8.189	10.463	13.797	16.140	18.645
505	**5.278**	**8.869**	**11.340**	**14.965**	**17.502**	**20.217**
110	**0.171**	**0.293**	**0.376**	**0.497**	**0.579**	**0.667**
135	0.180	0.328	0.433	0.594	0.707	0.831
140	0.497	0.885	1.156	1.564	1.845	2.152
145	0.618	1.062	1.371	1.835	2.156	2.504
150	1.005	1.728	2.234	2.990	3.523	4.097
155	0.441	0.774	1.008	1.362	1.609	1.877

NHYD	Hazel
100	**9.185**
125	2.644
120	0.706
130	2.793
115	0.085
500	6.151
700	5.501
105	50.923
505	**55.203**
110	**0.761**
135	1.453
140	3.523
145	4.934
150	11.005
155	4.047

3214006 Trafalgar Road EA

Hydrologic Analysis Summary of Flows - Existing Conditions

Black Creek Watershed - Credit Valley Conservation Jurisdiction

	24-hour SCS Storm Distribution						
NHYD	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	Flow To
215	0.115	0.190	0.256	0.346	0.424	0.485	
220	0.450	0.720	0.947	1.252	1.511	1.713	
220-2	0.450	0.720	0.720	0.720	0.720	0.720	
515	0.546	0.880	0.976	1.066	1.144	1.205	
210	0.251	0.360	0.460	0.601	0.739	0.828	
520	0.639	1.019	1.146	1.388	1.584	1.695	
205	0.143	0.214	0.276	0.365	0.434	0.488	
521	0.721	1.140	1.393	1.748	2.011	2.175	
200-0	0.577	0.809	1.006	1.261	1.462	1.657	
200-01	0.000	0.000	0.196	0.451	0.652	0.847	
200-1	0.093	0.132	0.163	0.208	0.251	0.279	
522	0.093	0.132	0.358	0.657	0.899	1.122	
525	**0.763**	**1.203**	**1.596**	**2.322**	**2.886**	**3.268**	**Black**
225	0.189	0.260	0.317	0.396	0.470	0.519	
230	**0.051**	**0.076**	**0.100**	**0.135**	**0.160**	**0.179**	**C13**
530	0.240	0.336	0.417	0.531	0.630	0.698	Trib
235	**0.481**	**0.759**	**0.991**	**1.300**	**1.562**	**1.765**	**C14**
240	**0.583**	**0.912**	**1.183**	**1.543**	**1.845**	**2.078**	**C15**
245	0.236	0.373	0.487	0.638	0.765	0.864	S1
255	0.345	0.557	0.737	0.979	1.187	1.349	
260	0.807	1.290	1.699	2.249	2.718	3.083	
535	**1.149**	**1.842**	**2.429**	**3.220**	**3.894**	**4.419**	**C18**
250	0.069	0.094	0.114	0.143	0.168	0.188	
265	0.041	0.068	0.092	0.123	0.150	0.172	
540	**1.172**	**1.878**	**2.474**	**3.276**	**3.959**	**4.491**	**C16**
270	0.333	0.531	0.698	0.922	1.113	1.261	
275	0.030	0.044	0.055	0.071	0.084	0.094	
545	**0.338**	**0.538**	**0.706**	**0.932**	**1.124**	**1.274**	**C17**

NHYD	Hazel
215	1.091
220	2.584
220-2	0.720
515	1.811
210	0.629
520	2.288
205	0.411
521	2.627
200-0	1.168
200-01	0.358
200-1	0.205
522	0.562
525	**3.156**
225	0.350
230	**0.114**
530	0.465
235	**4.421**
240	**4.143**
245	1.239
255	2.994
260	6.997
535	**9.982**
250	0.187
265	0.201
540	**10.232**
270	2.112
275	0.055
545	**2.153**

	24-hour Chicago Storm Distribution					
NHYD	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr
215	0.093	0.171	0.237	0.334	0.412	0.480
220	0.367	0.644	0.874	1.207	1.466	1.692
220-2	0.367	0.644	0.644	0.644	0.644	0.644
515	0.445	0.788	0.881	0.978	1.056	1.124
210	0.233	0.340	0.426	0.554	0.674	0.768
520	0.525	0.917	1.029	1.209	1.340	1.449
205	0.128	0.198	0.258	0.348	0.409	0.469
521	0.592	1.017	1.253	1.537	1.736	1.901
200-0	0.569	0.830	1.006	1.252	1.440	1.646
200-01	0.000	0.000	0.176	0.422	0.610	0.816
200-1	0.087	0.129	0.160	0.205	0.244	0.276
522	0.087	0.129	0.329	0.617	0.840	1.076
525	0.626	1.068	1.362	1.874	2.393	2.873
225	0.194	0.270	0.327	0.410	0.471	0.527
230	**0.044**	**0.068**	**0.089**	**0.123**	**0.143**	**0.164**
530	0.239	0.337	0.416	0.533	0.615	0.691
235	**0.420**	**0.711**	**0.952**	**1.292**	**1.563**	**1.786**
240	**0.499**	**0.848**	**1.132**	**1.534**	**1.848**	**2.111**
245	0.194	0.337	0.454	0.621	0.750	0.861
255	0.290	0.510	0.695	0.961	1.174	1.354
260	0.685	1.191	1.613	2.219	2.701	3.108
535	**0.972**	**1.696**	**2.300**	**3.172**	**3.864**	**4.449**
250	0.073	0.102	0.122	0.149	0.170	0.191
265	0.031	0.056	0.078	0.109	0.134	0.156
540	**0.993**	**1.730**	**2.346**	**3.231**	**3.933**	**4.526**
270	0.275	0.481	0.652	0.898	1.091	1.257
275	0.028	0.042	0.052	0.069	0.080	0.092
545	**0.280**	**0.488**	**0.661**	**0.909**	**1.104**	**1.272**

	12-hour Chicago Storm Distribution					
NHYD	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr
215	0.072	0.139	0.190	0.270	0.328	0.393
220	0.288	0.538	0.719	1.001	1.199	1.421
220-2	0.288	0.538	0.538	0.538	0.538	0.538
515	0.347	0.654	0.728	0.808	0.866	0.931
210	0.220	0.317	0.386	0.505	0.572	0.685
520	0.413	0.766	0.851	1.009	1.099	1.213
205	0.118	0.181	0.226	0.301	0.359	0.417
521	0.470	0.857	1.036	1.293	1.436	1.618
200-0	0.547	0.797	0.955	1.178	1.331	1.504
200-01	0.000	0.000	0.155	0.378	0.531	0.704
200-1	0.083	0.123	0.150	0.190	0.215	0.253
522	0.083	0.123	0.299	0.560	0.736	0.944
525	0.498	0.900	1.123	1.589	1.961	2.420
225	0.188	0.261	0.309	0.383	0.430	0.491
230	**0.040**	**0.060**	**0.076**	**0.102**	**0.125**	**0.145**
530	0.229	0.321	0.385	0.484	0.555	0.637
235	**0.335**	**0.596**	**0.782**	**1.066**	**1.268**	**1.488**
240	**0.399**	**0.713**	**0.936**	**1.277**	**1.516**	**1.776**
245	0.153	0.283	0.376	0.518	0.618	0.728
255	0.227	0.422	0.566	0.788	0.947	1.122
260	0.541	0.991	1.318	1.825	2.186	2.583
535	**0.765**	**1.410**	**1.878**	**2.605**	**3.124**	**3.694**
250	0.071	0.098	0.115	0.140	0.157	0.177
265	0.023	0.046	0.063	0.090	0.108	0.130
540	**0.782**	**1.439**	**1.917**	**2.655**	**3.181**	**3.760**
270	0.217	0.402	0.536	0.744	0.891	1.054
275	0.026	0.038	0.048	0.063	0.072	0.082
545	**0.221**	**0.408**	**0.543**	**0.754**	**0.902**	**1.067**

Summary of Existing Conditions Hydrologic Modelling Parameters

3214006 - Trafalgar Road EA

Sub-Catchment ID	IUH Class	Drainage Area (ha)	Imperviousness (%)					SCS Curve Number	Initial Abstraction (mm)		Manning's 'n'		Time to Peak (hours)	Number of Linear Reservoirs	Flow Length (m)		Slope (%)		CN AMC III
			Direct	+	Indirect	=	Total		Pervious	Impervious	Pervious	Impervious			Pervious	Impervious	Pervious	Impervious	
100	Nash	89.3	4	+	0	=	4	84	5.1	n/a	n/a	n/a	1.13	3.0	n/a	n/a	n/a	n/a	93.0
105	Nash	714	1	+	1	=	2	81	5.9	n/a	n/a	n/a	2.61	3.0	n/a	n/a	n/a	n/a	92.0
110	Nash	5.73	14	+	0	=	14	86	6.5	n/a	n/a	n/a	0.44	3.0	n/a	n/a	n/a	n/a	94.0
115	Standard	0.82	24	+	0	=	24	65	6.7	2.0	0.35	0.015	n/a	n/a	375	140	2.0	1.0	82.0
120	Nash	5.72	6	+	0	=	6	77	5.8	n/a	n/a	n/a	0.53	3.0	n/a	n/a	n/a	n/a	89.0
125	Nash	24.5	2	+	4	=	6	78	5.5	n/a	n/a	n/a	0.92	3.0	n/a	n/a	n/a	n/a	90.0
130	Nash	25.6	4	+	1	=	5	78	5.5	n/a	n/a	n/a	0.88	3.0	n/a	n/a	n/a	n/a	90.0
135	Nash	12.2	11	+	0	=	11	75	6.8	n/a	n/a	n/a	0.59	3.0	n/a	n/a	n/a	n/a	88.0
140	Nash	30.2	8	+	0	=	8	80	6.8	n/a	n/a	n/a	0.68	3.0	n/a	n/a	n/a	n/a	91.0
145	Nash	46.4	2	+	0	=	2	79	5.0	n/a	n/a	n/a	0.99	3.0	n/a	n/a	n/a	n/a	91.0
150	Nash	136.0	1	+	1	=	2	77	5.6	n/a	n/a	n/a	1.92	3.0	n/a	n/a	n/a	n/a	89.0
155	Nash	39.3	5	+	0	=	5	77	5.8	n/a	n/a	n/a	1.06	3.0	n/a	n/a	n/a	n/a	89.0
200-0	Standard	9.0	34	+	3	=	37	57	7.5	2.0	0.33	0.015	n/a	n/a	40	245	2.0	1.0	75
200-1	Standard	1.6	33	+	0	=	33	54	7.9	2.0	0.35	0.015	0.00	n/a	15	460	2.0	1.0	73
205	Standard	3.21	25	+	0	=	25	59	7.2	2.0	0.32	0.015	n/a	n/a	15	720	2.0	1.0	77
210	Standard	4.70	23	+	5	=	27	63	6.2	2.0	0.29	0.015	n/a	n/a	40	177	2.0	1.0	80
215	Nash	10.60	10	+	1	=	11	62	8.4	n/a	n/a	n/a	0.78	3.0	n/a	n/a	n/a	n/a	79
220	Nash	21.0	10	+	0	=	10	70	7.0	n/a	n/a	n/a	0.48	3.0	n/a	n/a	n/a	n/a	85
225	Standard	2.65	35	+	0	=	35	59	6.4	2.0	0.35	0.015	n/a	n/a	40	133	2.0	1.0	77
230	Standard	0.81	21	+	0	=	21	74	5.8	2.0	0.28	0.015	n/a	n/a	40	73	2.0	1.0	88
235	Nash	53.9	10	+	0	=	10	72	6.4	n/a	n/a	n/a	1.77	3.0	n/a	n/a	n/a	n/a	86
240	Nash	41.0	3	+	1	=	4	75	6.5	n/a	n/a	n/a	1.10	3.0	n/a	n/a	n/a	n/a	88
245	Nash	10.0	6	+	0	=	6	74	7.1	n/a	n/a	n/a	0.51	3.0	n/a	n/a	n/a	n/a	88
250	Standard	1.56	22	+	0	=	22	62	5.4	2.0	0.31	0.015	n/a	n/a	140	102	2.0	1.0	79
255	Nash	29.4	4	+	0	=	4	68	7.3	n/a	n/a	n/a	0.98	3.0	n/a	n/a	n/a	n/a	84
260	Nash	71.5	1	+	1	=	2	69	6.8	n/a	n/a	n/a	1.11	3.0	n/a	n/a	n/a	n/a	84
265	Nash	1.50	5	+	0	=	5	65	8.6	n/a	n/a	n/a	0.24	3.0	n/a	n/a	n/a	n/a	82
270	Nash	18.3	7	+	0	=	7	70	6.8	n/a	n/a	n/a	0.61	3.0	n/a	n/a	n/a	n/a	85
275	Standard	0.40	28	+	0	=	28	66	6.2	2.0	0.31	0.015	n/a	n/a	20	52	2.0	1.0	82
Total/Ave		**1,411**	**3**	**+**	**1**	**=**	**4**	**78**	**5.97**										

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO            9      9   =========
                                                          9   9  9   9   # 4313781
        StormWater Management HYdrologic Model            999    999    =========

 ********************************************************************************
 **************************** SWMHYMO Ver/4.05  *****************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                   Ottawa,  Ontario: (613) 836-3884           *********
 *********                   Gatineau, Quebec: (819) 243-6858           *********
 *********                   E-Mail: swmhymo@jfsa.Com                   *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****---------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                  *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).     *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.).   *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).     *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.              *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).        *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).        *****
 *****     *:  see WARNING or NOTE message printed at end of run.          *****
 *****    **:  see  ERROR  message printed at end of run.                  *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-01-25     TIME: 08:25:27     RUN COUNTER: 000173          *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\3214006\CH_E_12C.dat                            *
 * Output  filename: C:\SWMHYMO\3214006\CH_E_12C.out                            *
 * Summary filename: C:\SWMHYMO\3214006\CH_E_12C.sum                            *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 RUN:COMMAND#
 001:0001--------------------------------------------------------------------------------
     START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   1 ]
001:0002--------------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  12.00:PTOT=  47.07]
001:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:125           24.50     .322 No_date    5:38   15.27 .324
     [CN= 78.0: N= 3.00]
     [Tp=  .92:DT= 2.00]
001:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:120            5.72     .104 No_date    5:08   14.54 .309
     [CN= 77.0: N= 3.00]
     [Tp=  .53:DT= 2.00]
001:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:130           25.60     .347 No_date    5:36   15.27 .324
     [CN= 78.0: N= 3.00]
     [Tp=  .88:DT= 2.00]
001:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:115             .82     .042 No_date    4:30   17.81 .378
     [XIMP=.24:TIMP=.24]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
001:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:125           24.50     .322 No_date    5:38   15.27  n/a
                     +  02:120            5.72     .104 No_date    5:08   14.54  n/a
                     +  03:130           25.60     .347 No_date    5:36   15.27  n/a
                     +  04:115             .82     .042 No_date    4:30   17.81  n/a
     [DT= 2.00]  SUM=  05:500           56.64     .756 No_date    5:32   15.23  n/a
001:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:500           56.64     .756 No_date    5:32   15.23  n/a
     [RDT= 2.00] out<- 01:700           56.64     .472 No_date    6:40   15.23  n/a
     [L/S/n= 3408./ .690/.030]
     {Vmax=  .669:Dmax=  .093}
001:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:105          714.00    4.882 No_date    7:52   16.83 .357
     [CN= 81.0: N= 3.00]
     [Tp= 2.61:DT= 2.00]
001:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:700           56.64     .472 No_date    6:40   15.23  n/a
                     +  02:105          714.00    4.882 No_date    7:52   16.83  n/a
     [DT= 2.00]  SUM=  03:505          770.64    5.278 No_date    7:46   16.71  n/a
001:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100           89.30    1.333 No_date    5:54   19.50 .414
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
001:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:110            5.73     .171 No_date    5:00   20.09 .427
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
001:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:135           12.20     .180 No_date    5:14   12.98 .276
     [CN= 75.0: N= 3.00]
     [Tp=  .59:DT= 2.00]
001:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:140           30.20     .497 No_date    5:20   15.63 .332
     [CN= 80.0: N= 3.00]
     [Tp=  .68:DT= 2.00]
001:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       06:145           46.40     .618 No_date    5:44   16.15 .343
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
001:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:150          136.00    1.005 No_date    6:58   14.66 .311
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
001:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:155           39.30     .441 No_date    5:50   14.54 .309
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
 ** END OF RUN :   1
```

```
*******************************************************************************



 RUN:COMMAND#
 002:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   2 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 002:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  61.62]
 002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .561 No_date    5:36   24.65 .400
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .185 No_date    5:06   23.66 .384
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .605 No_date    5:34   24.65 .400
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .056 No_date    4:30   26.27 .426
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .561 No_date    5:36   24.65  n/a
                     +  02:120            5.72     .185 No_date    5:06   23.66  n/a
                     +  03:130           25.60     .605 No_date    5:34   24.65  n/a
                     +  04:115             .82     .056 No_date    4:30   26.27  n/a
      [DT= 2.00]  SUM=  05:500           56.64    1.323 No_date    5:30   24.57  n/a
 002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    1.323 No_date    5:30   24.57  n/a
      [RDT= 2.00] out<- 01:700           56.64     .812 No_date    6:36   24.57  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .669:Dmax=  .162}
 002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00    8.189 No_date    7:44   26.93 .437
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64     .812 No_date    6:36   24.57  n/a
                     +  02:105          714.00    8.189 No_date    7:44   26.93  n/a
      [DT= 2.00]  SUM=  03:505          770.64    8.869 No_date    7:38   26.75  n/a
 002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    2.230 No_date    5:50   30.45 .494
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .293 No_date    4:58   31.49 .511
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .328 No_date    5:12   21.54 .350
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20     .885 No_date    5:18   25.40 .412
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    1.062 No_date    5:42   25.82 .419
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    1.728 No_date    6:52   23.79 .386
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30     .774 No_date    5:48   23.66 .384
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   2

*******************************************************************************



 RUN:COMMAND#
 003:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 003:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  70.72]
 003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .728 No_date    5:36   31.08 .439
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .242 No_date    5:06   29.94 .423
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .786 No_date    5:32   31.08 .439
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .065 No_date    4:30   32.01 .453
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .728 No_date    5:36   31.08  n/a
                     +  02:120            5.72     .242 No_date    5:06   29.94  n/a
                     +  03:130           25.60     .786 No_date    5:32   31.08  n/a
                     +  04:115             .82     .065 No_date    4:30   32.01  n/a
      [DT= 2.00]  SUM=  05:500           56.64    1.721 No_date    5:30   30.98  n/a
 003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    1.721 No_date    5:30   30.98  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.046 No_date    6:34   30.98  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .688:Dmax=  .181}
 003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   10.463 No_date    7:42   33.78 .478
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
    ADD HYD            01:700           56.64    1.046 No_date    6:34   30.98  n/a
                   +   02:105          714.00   10.463 No_date    7:42   33.78  n/a
     [DT= 2.00]  SUM=  03:505          770.64   11.340 No_date    7:34   33.57  n/a
003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100           89.30    2.839 No_date    5:50   37.77 .534
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:110            5.73     .376 No_date    4:58   39.07 .552
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:135           12.20     .433 No_date    5:12   27.50 .389
     [CN= 75.0: N= 3.00]
     [Tp=  .59:DT= 2.00]
003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:140           30.20    1.156 No_date    5:18   32.07 .453
     [CN= 80.0: N= 3.00]
     [Tp=  .68:DT= 2.00]
003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       06:145           46.40    1.371 No_date    5:40   32.42 .458
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:150          136.00    2.234 No_date    6:50   30.08 .425
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:155           39.30    1.008 No_date    5:46   29.94 .423
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   3

*******************************************************************************
```

```
 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  82.81]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .981 No_date    5:34   40.12 .485
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .328 No_date    5:06   38.79 .468
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.060 No_date    5:32   40.12 .485
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115            .82     .077 No_date    4:30   40.07 .484
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
```

```
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .981 No_date    5:34   40.12  n/a
                    +   02:120            5.72     .328 No_date    5:06   38.79  n/a
                    +   03:130           25.60    1.060 No_date    5:32   40.12  n/a
                    +   04:115             .82     .077 No_date    4:30   40.07  n/a
      [DT= 2.00]  SUM=  05:500           56.64    2.315 No_date    5:28   39.99  n/a
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    2.315 No_date    5:28   39.99  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.392 No_date    6:30   39.99  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .721:Dmax=  .204}
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   13.797 No_date    7:38   43.33 .523
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    1.392 No_date    6:30   39.99  n/a
                    +   02:105          714.00   13.797 No_date    7:38   43.33  n/a
      [DT= 2.00]  SUM=  03:505          770.64   14.965 No_date    7:30   43.09  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    3.739 No_date    5:48   47.89 .578
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .497 No_date    4:58   49.49 .598
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .594 No_date    5:10   35.95 .434
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.564 No_date    5:18   41.41 .500
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    1.835 No_date    5:40   41.66 .503
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    2.990 No_date    6:48   38.94 .470
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.362 No_date    5:46   38.79 .468
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   4

*******************************************************************************
```

```
 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 005:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  91.25]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.157 No_date    5:34   46.72 .512
```

```
     [CN= 78.0: N= 3.00]
     [Tp=  .92:DT= 2.00]
005:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:120           5.72     .388 No_date    5:06   45.26 .496
     [CN= 77.0: N= 3.00]
     [Tp=  .53:DT= 2.00]
005:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:130          25.60    1.249 No_date    5:32   46.72 .512
     [CN= 78.0: N= 3.00]
     [Tp=  .88:DT= 2.00]
005:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:115            .82     .085 No_date    4:30   45.97 .504
     [XIMP=.24:TIMP=.24]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
005:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:125          24.50    1.157 No_date    5:34   46.72  n/a
                   +  02:120           5.72     .388 No_date    5:06   45.26  n/a
                   +  03:130          25.60    1.249 No_date    5:32   46.72  n/a
                   +  04:115            .82     .085 No_date    4:30   45.97  n/a
     [DT= 2.00]  SUM=  05:500          56.64    2.733 No_date    5:28   46.56  n/a
005:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:500          56.64    2.733 No_date    5:28   46.56  n/a
     [RDT= 2.00] out<- 01:700          56.64    1.657 No_date    6:26   46.56  n/a
     [L/S/n= 3408./ .690/.030]
     {Vmax=  .746:Dmax=  .221}
005:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:105          714.00   16.140 No_date    7:36   50.26 .551
     [CN= 81.0: N= 3.00]
     [Tp= 2.61:DT= 2.00]
005:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:700          56.64    1.657 No_date    6:26   46.56  n/a
                   +  02:105          714.00   16.140 No_date    7:36   50.26  n/a
     [DT= 2.00]  SUM=  03:505          770.64   17.502 No_date    7:28   49.99  n/a
005:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100          89.30    4.353 No_date    5:48   55.17 .605
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
005:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:110           5.73     .579 No_date    4:58   56.96 .624
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
005:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:135          12.20     .707 No_date    5:10   42.17 .462
     [CN= 75.0: N= 3.00]
     [Tp=  .59:DT= 2.00]
005:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:140          30.20    1.845 No_date    5:16   48.20 .528
     [CN= 80.0: N= 3.00]
     [Tp=  .68:DT= 2.00]
005:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       06:145          46.40    2.156 No_date    5:38   48.38 .530
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
005:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:150          136.00    3.523 No_date    6:48   45.42 .498
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
005:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:155          39.30    1.609 No_date    5:44   45.26 .496
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
 ** END OF RUN :   5

************************************************************************




RUN:COMMAND#
006:0001----------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   6 ]
#************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
006:0002----------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  12.00:PTOT= 100.07]
006:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:125          24.50    1.347 No_date    5:34   53.81 .538
     [CN= 78.0: N= 3.00]
     [Tp=  .92:DT= 2.00]
006:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:120           5.72     .453 No_date    5:06   52.23 .522
     [CN= 77.0: N= 3.00]
     [Tp=  .53:DT= 2.00]
006:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:130          25.60    1.455 No_date    5:30   53.81 .538
     [CN= 78.0: N= 3.00]
     [Tp=  .88:DT= 2.00]
006:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     04:115            .82     .094 No_date    4:30   52.33 .523
     [XIMP=.24:TIMP=.24]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
006:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:125          24.50    1.347 No_date    5:34   53.81  n/a
                   +  02:120           5.72     .453 No_date    5:06   52.23  n/a
                   +  03:130          25.60    1.455 No_date    5:30   53.81  n/a
                   +  04:115            .82     .094 No_date    4:30   52.33  n/a
     [DT= 2.00]  SUM=  05:500          56.64    3.187 No_date    5:28   53.63  n/a
006:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:500          56.64    3.187 No_date    5:28   53.63  n/a
     [RDT= 2.00] out<- 01:700          56.64    1.946 No_date    6:24   53.63  n/a
     [L/S/n= 3408./ .690/.030]
     {Vmax=  .776:Dmax=  .238}
006:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:105          714.00   18.645 No_date    7:34   57.68 .576
     [CN= 81.0: N= 3.00]
     [Tp= 2.61:DT= 2.00]
006:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:700          56.64    1.946 No_date    6:24   53.63  n/a
                   +  02:105          714.00   18.645 No_date    7:34   57.68  n/a
     [DT= 2.00]  SUM=  03:505          770.64   20.217 No_date    7:28   57.38  n/a
006:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100          89.30    5.011 No_date    5:48   62.92 .629
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
006:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:110           5.73     .667 No_date    4:58   64.89 .648
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
006:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:135          12.20     .831 No_date    5:10   48.89 .489
     [CN= 75.0: N= 3.00]
     [Tp=  .59:DT= 2.00]
006:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:140          30.20    2.152 No_date    5:16   55.49 .555
     [CN= 80.0: N= 3.00]
     [Tp=  .68:DT= 2.00]
006:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       06:145          46.40    2.504 No_date    5:38   55.59 .556
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
006:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:150          136.00    4.097 No_date    6:46   52.39 .524
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
```

```
 006:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.877 No_date    5:44   52.23 .522
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
 006:0002-------------------------------------------------------------------------------
      FINISH
-------------------------------------------------------------------------------------
*************************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
 005:0006 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
   Simulation ended on 2016-01-25     at 08:25:28
=====================================================================================
```

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO            9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 **************************** SWMHYMO Ver/4.05  *****************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                  +++++++++
 +++++++++                Kitchener            SERIAL#:4313781         +++++++++
 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-01-25     TIME: 08:26:50     RUN COUNTER: 000175         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\3214006\CH_E_24C.dat                            *
 * Output  filename: C:\SWMHYMO\3214006\CH_E_24C.out                            *
 * Summary filename: C:\SWMHYMO\3214006\CH_E_24C.sum                            *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 RUN:COMMAND#
 001:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  58.01]
001:0003----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .397 No_date    9:56   22.21 .383
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
001:0004----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .129 No_date    9:26   21.28 .367
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
001:0005----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .428 No_date    9:52   22.21 .383
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
001:0006----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115            .82     .043 No_date    8:50   24.08 .415
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
001:0007----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .397 No_date    9:56   22.21  n/a
                      + 02:120            5.72     .129 No_date    9:26   21.28  n/a
                      + 03:130           25.60     .428 No_date    9:52   22.21  n/a
                      + 04:115            .82     .043 No_date    8:50   24.08  n/a
      [DT= 2.00]  SUM=  05:500           56.64     .933 No_date    9:50   22.15  n/a
001:0008----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64     .933 No_date    9:50   22.15  n/a
      [RDT= 2.00] out<- 01:700           56.64     .581 No_date   10:58   22.15  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .669:Dmax=  .114}
001:0009----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00    5.978 No_date   12:08   24.31 .419
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
001:0010----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64     .581 No_date   10:58   22.15  n/a
                      + 02:105          714.00    5.978 No_date   12:08   24.31  n/a
      [DT= 2.00]  SUM=  03:505          770.64    6.467 No_date   12:00   24.16  n/a
001:0011----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    1.615 No_date   10:10   27.64 .476
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
001:0012----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .209 No_date    9:18   28.58 .493
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
001:0013----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .226 No_date    9:32   19.30 .333
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
001:0014----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20     .620 No_date    9:38   22.86 .394
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
001:0015----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40     .756 No_date   10:00   23.32 .402
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
001:0016----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    1.240 No_date   11:14   21.41 .369
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
001:0017----------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30     .547 No_date   10:08   21.28 .367
      [CN= 77.0: N= 3.00]
```

```
     [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   1

**********************************************************************************



 RUN:COMMAND#
 002:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   2 ]
#*********************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 002:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  74.05]
 002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .658 No_date    9:54   33.52 .453
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .217 No_date    9:26   32.32 .436
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .711 No_date    9:52   33.52 .453
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .058 No_date    8:50   34.18 .462
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .658 No_date    9:54   33.52  n/a
                      +  02:120            5.72     .217 No_date    9:26   32.32  n/a
                      +  03:130           25.60     .711 No_date    9:52   33.52  n/a
                      +  04:115             .82     .058 No_date    8:50   34.18  n/a
      [DT= 2.00]  SUM=  05:500           56.64    1.555 No_date    9:48   33.41  n/a
 002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    1.555 No_date    9:48   33.41  n/a
      [RDT= 2.00] out<- 01:700           56.64     .954 No_date   10:54   33.41  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .679:Dmax=  .174}
 002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00    9.603 No_date   12:00   36.36 .491
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64     .954 No_date   10:54   33.41  n/a
                      +  02:105          714.00    9.603 No_date   12:00   36.36  n/a
      [DT= 2.00]  SUM=  03:505          770.64   10.404 No_date   11:54   36.14  n/a
 002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    2.581 No_date   10:08   40.52 .547
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .338 No_date    9:18   41.90 .566
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .389 No_date    9:30   29.77 .402
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.043 No_date    9:36   34.59 .467
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    1.240 No_date   10:00   34.91 .471
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    2.038 No_date   11:10   32.46 .438
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30     .913 No_date   10:06   32.32 .436
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   2

**********************************************************************************



 RUN:COMMAND#
 003:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
#*********************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 003:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  86.37]
 003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .868 No_date    9:54   42.88 .496
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .287 No_date    9:26   41.50 .480
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .937 No_date    9:50   42.88 .496
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .067 No_date    8:50   42.54 .492
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .868 No_date    9:54   42.88  n/a
                      +  02:120            5.72     .287 No_date    9:26   41.50  n/a
                      +  03:130           25.60     .937 No_date    9:50   42.88  n/a
                      +  04:115             .82     .067 No_date    8:50   42.54  n/a
      [DT= 2.00]  SUM=  05:500           56.64    2.045 No_date    9:48   42.74  n/a
 003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    2.045 No_date    9:48   42.74  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.246 No_date   10:54   42.74  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .706:Dmax=  .194}
 003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
     CALIB NASHYD       02:105          714.00   12.502 No_date   11:58   46.24 .535
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    1.246 No_date   10:54   42.74  n/a
                    +   02:105          714.00   12.502 No_date   11:58   46.24  n/a
      [DT= 2.00]  SUM=   03:505          770.64   13.552 No_date   11:50   45.98  n/a
 003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    3.332 No_date   10:08   50.94 .590
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .437 No_date    9:18   52.63 .609
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .522 No_date    9:30   38.55 .446
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.380 No_date    9:36   44.25 .512
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    1.626 No_date    9:58   44.47 .515
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    2.683 No_date   11:08   41.65 .482
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.207 No_date   10:04   41.50 .480
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   3

*******************************************************************************




 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 101.05]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.162 No_date    9:54   54.61 .540
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .387 No_date    9:26   53.02 .525
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.255 No_date    9:50   54.61 .540
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .080 No_date    8:50   53.05 .525
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    1.162 No_date    9:54   54.61  n/a
                    +   02:120            5.72     .387 No_date    9:26   53.02  n/a
                    +   03:130           25.60    1.255 No_date    9:50   54.61  n/a
                    +   04:115             .82     .080 No_date    8:50   53.05  n/a
      [DT= 2.00]  SUM=   05:500           56.64    2.746 No_date    9:48   54.43  n/a
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    2.746 No_date    9:48   54.43  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.680 No_date   10:46   54.43  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .747:Dmax=  .221}
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   16.442 No_date   11:54   58.51 .579
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    1.680 No_date   10:46   54.43  n/a
                    +   02:105          714.00   16.442 No_date   11:54   58.51  n/a
      [DT= 2.00]  SUM=   03:505          770.64   17.826 No_date   11:48   58.21  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    4.365 No_date   10:06   63.79 .631
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .573 No_date    9:18   65.78 .651
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .711 No_date    9:30   49.65 .491
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.851 No_date    9:36   56.31 .557
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    2.165 No_date    9:58   56.40 .558
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    3.580 No_date   11:06   53.18 .526
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.623 No_date   10:04   53.02 .525
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   4

*******************************************************************************




 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 005:0002--------------------------------------------------------------------------------
```

```
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 113.04]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.389 No_date    9:52   64.54 .571
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .463 No_date    9:24   62.81 .556
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.500 No_date    9:50   64.54 .571
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:115             .82     .090 No_date    8:50   62.00 .548
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    1.389 No_date    9:52   64.54  n/a
                    +   02:120            5.72     .463 No_date    9:24   62.81  n/a
                    +   03:130           25.60    1.500 No_date    9:50   64.54  n/a
                    +   04:115             .82     .090 No_date    8:50   62.00  n/a
      [DT= 2.00]  SUM=  05:500           56.64    3.285 No_date    9:48   64.33  n/a
 005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    3.285 No_date    9:48   64.33  n/a
      [RDT= 2.00] out<- 01:700           56.64    2.034 No_date   10:42   64.33  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .783:Dmax=  .242}
 005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   19.537 No_date   11:54   68.85 .609
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    2.034 No_date   10:42   64.33  n/a
                    +   02:105          714.00   19.537 No_date   11:54   68.85  n/a
      [DT= 2.00]  SUM=  03:505          770.64   21.179 No_date   11:46   68.52  n/a
 005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    5.147 No_date   10:06   74.53 .659
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .672 No_date    9:18   76.75 .679
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .856 No_date    9:30   59.12 .523
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    2.210 No_date    9:36   66.50 .588
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    2.579 No_date    9:58   66.49 .588
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    4.285 No_date   11:06   62.97 .557
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.944 No_date   10:04   62.81 .556
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   5

********************************************************************************
```

```
 RUN:COMMAND#
 006:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   6 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
 #  Date        : 01-21-2016
 #  Modeller    : [LS]
 #  Company     : MMM Group
 #  License #   :  4313781
 006:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 122.05]
 006:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.579 No_date    9:52   72.18 .591
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 006:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .529 No_date    9:24   70.34 .576
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 006:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.705 No_date    9:50   72.18 .591
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 006:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:115             .82     .099 No_date    8:50   68.92 .565
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 006:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    1.579 No_date    9:52   72.18  n/a
                    +   02:120            5.72     .529 No_date    9:24   70.34  n/a
                    +   03:130           25.60    1.705 No_date    9:50   72.18  n/a
                    +   04:115             .82     .099 No_date    8:50   68.92  n/a
      [DT= 2.00]  SUM=  05:500           56.64    3.740 No_date    9:46   71.95  n/a
 006:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    3.740 No_date    9:46   71.95  n/a
      [RDT= 2.00] out<- 01:700           56.64    2.333 No_date   10:40   71.95  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .815:Dmax=  .260}
 006:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   22.032 No_date   11:52   76.77 .629
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 006:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    2.333 No_date   10:40   71.95  n/a
                    +   02:105          714.00   22.032 No_date   11:52   76.77  n/a
      [DT= 2.00]  SUM=  03:505          770.64   23.878 No_date   11:44   76.42  n/a
 006:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    5.794 No_date   10:06   82.73 .678
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 006:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .758 No_date    9:18   85.10 .697
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 006:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .981 No_date    9:30   66.44 .544
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 006:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    2.514 No_date    9:36   74.31 .609
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
```

```
 006:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    2.925 No_date    9:58   74.23 .608
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 006:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    4.862 No_date   11:04   70.51 .578
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 006:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    2.213 No_date   10:02   70.34 .576
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
 006:0002--------------------------------------------------------------------------------
      FINISH
--------------------------------------------------------------------------------------------
********************************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
 005:0006 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
   Simulation ended on 2016-01-25     at 08:26:51
============================================================================================
```

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 **************************** SWMHYMO Ver/4.05  *****************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                  +++++++++
 +++++++++                Kitchener            SERIAL#:4313781         +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-01-25     TIME: 08:26:35     RUN COUNTER: 000174         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\3214006\CH_E_12S.DAT                            *
 * Output  filename: C:\SWMHYMO\3214006\CH_E_12S.out                            *
 * Summary filename: C:\SWMHYMO\3214006\CH_E_12S.sum                            *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT=  58.01]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:125           24.50     .460 No_date   12:54   22.21 .383
     [CN= 78.0: N= 3.00]
     [Tp=  .92:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:120            5.72     .153 No_date   12:28   21.28 .367
     [CN= 77.0: N= 3.00]
     [Tp=  .53:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:130           25.60     .497 No_date   12:52   22.21 .383
     [CN= 78.0: N= 3.00]
     [Tp=  .88:DT= 2.00]
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:115            .82     .040 No_date   12:00   24.08 .415
     [XIMP=.24:TIMP=.24]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:125           24.50     .460 No_date   12:54   22.21  n/a
                     + 02:120            5.72     .153 No_date   12:28   21.28  n/a
                     + 03:130           25.60     .497 No_date   12:52   22.21  n/a
                     + 04:115            .82     .040 No_date   12:00   24.08  n/a
     [DT= 2.00]  SUM=  05:500           56.64    1.087 No_date   12:50   22.14  n/a
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:500           56.64    1.087 No_date   12:50   22.14  n/a
     [RDT= 2.00] out<- 01:700           56.64     .661 No_date   13:52   22.14  n/a
     [L/S/n= 3408./ .690/.030]
     {Vmax=  .669:Dmax=  .133}
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:105          714.00    6.652 No_date   14:56   24.31 .419
     [CN= 81.0: N= 3.00]
     [Tp= 2.61:DT= 2.00]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:700           56.64     .661 No_date   13:52   22.14  n/a
                     + 02:105          714.00    6.652 No_date   14:56   24.31  n/a
     [DT= 2.00]  SUM=  03:505          770.64    7.209 No_date   14:48   24.15  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100           89.30    1.830 No_date   13:08   27.63 .476
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:110            5.73     .246 No_date   12:20   28.57 .493
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       04:135           12.20     .272 No_date   12:32   19.30 .333
     [CN= 75.0: N= 3.00]
     [Tp=  .59:DT= 2.00]
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:140           30.20     .735 No_date   12:38   22.86 .394
     [CN= 80.0: N= 3.00]
     [Tp=  .68:DT= 2.00]
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       06:145           46.40     .869 No_date   13:00   23.31 .402
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:150          136.00    1.402 No_date   14:08   21.41 .369
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
001:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       08:155           39.30     .633 No_date   13:06   21.28 .367
     [CN= 77.0: N= 3.00]
```

```
     [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   1

**********************************************************************************



 RUN:COMMAND#
 002:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   2 ]
#*********************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 002:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  73.98]
 002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .704 No_date   12:54   33.47 .452
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .236 No_date   12:28   32.27 .436
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .760 No_date   12:52   33.47 .452
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .051 No_date   12:00   34.14 .461
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .704 No_date   12:54   33.47  n/a
                      +  02:120            5.72     .236 No_date   12:28   32.27  n/a
                      +  03:130           25.60     .760 No_date   12:52   33.47  n/a
                      +  04:115             .82     .051 No_date   12:00   34.14  n/a
      [DT= 2.00]  SUM=  05:500           56.64    1.660 No_date   12:48   33.36  n/a
 002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    1.660 No_date   12:48   33.36  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.008 No_date   13:50   33.36  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .685:Dmax=  .178}
 002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   10.073 No_date   14:52   36.31 .491
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    1.008 No_date   13:50   33.36  n/a
                      +  02:105          714.00   10.073 No_date   14:52   36.31  n/a
      [DT= 2.00]  SUM=  03:505          770.64   10.926 No_date   14:46   36.09  n/a
 002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    2.708 No_date   13:08   40.46 .547
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .364 No_date   12:20   41.84 .566
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .427 No_date   12:32   29.72 .402
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.129 No_date   12:38   34.54 .467
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    1.317 No_date   12:58   34.86 .471
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    2.154 No_date   14:06   32.41 .438
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30     .975 No_date   13:04   32.27 .436
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   2

**********************************************************************************



 RUN:COMMAND#
 003:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
#*********************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 003:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  86.02]
 003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50     .902 No_date   12:54   42.61 .495
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .304 No_date   12:26   41.23 .479
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60     .975 No_date   12:50   42.61 .495
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .060 No_date   12:00   42.29 .492
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50     .902 No_date   12:54   42.61  n/a
                      +  02:120            5.72     .304 No_date   12:26   41.23  n/a
                      +  03:130           25.60     .975 No_date   12:50   42.61  n/a
                      +  04:115             .82     .060 No_date   12:00   42.29  n/a
      [DT= 2.00]  SUM=  05:500           56.64    2.132 No_date   12:48   42.47  n/a
 003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    2.132 No_date   12:48   42.47  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.286 No_date   13:50   42.47  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .711:Dmax=  .197}
 003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
     CALIB NASHYD       02:105          714.00   12.833 No_date   14:50   45.95 .534
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    1.286 No_date   13:50   42.47  n/a
                    +   02:105          714.00   12.833 No_date   14:50   45.95  n/a
      [DT= 2.00]  SUM=   03:505          770.64   13.925 No_date   14:44   45.69  n/a
 003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    3.405 No_date   13:06   50.64 .589
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .457 No_date   12:20   52.32 .608
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .555 No_date   12:32   38.29 .445
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.448 No_date   12:38   43.97 .511
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    1.680 No_date   12:58   44.19 .514
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    2.769 No_date   14:04   41.38 .481
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.255 No_date   13:04   41.23 .479
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   3

*******************************************************************************




 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 101.00]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.162 No_date   12:52   54.57 .540
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .393 No_date   12:26   52.98 .525
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.256 No_date   12:50   54.57 .540
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .071 No_date   12:00   53.01 .525
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    1.162 No_date   12:52   54.57  n/a
                    +   02:120            5.72     .393 No_date   12:26   52.98  n/a
                    +   03:130           25.60    1.256 No_date   12:50   54.57  n/a
                    +   04:115             .82     .071 No_date   12:00   53.01  n/a
      [DT= 2.00]  SUM=   05:500           56.64    2.752 No_date   12:48   54.38  n/a
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    2.752 No_date   12:48   54.38  n/a
      [RDT= 2.00] out<- 01:700           56.64    1.679 No_date   13:42   54.38  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .748:Dmax=  .221}
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   16.420 No_date   14:48   58.47 .579
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    1.679 No_date   13:42   54.38  n/a
                    +   02:105          714.00   16.420 No_date   14:48   58.47  n/a
      [DT= 2.00]  SUM=   03:505          770.64   17.815 No_date   14:42   58.17  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    4.299 No_date   13:06   63.74 .631
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .574 No_date   12:20   65.74 .651
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .725 No_date   12:32   49.61 .491
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    1.864 No_date   12:36   56.27 .557
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    2.155 No_date   12:58   56.36 .558
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    3.579 No_date   14:02   53.14 .526
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.624 No_date   13:02   52.98 .525
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   4

*******************************************************************************




 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 005:0002--------------------------------------------------------------------------------
```

```
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 113.01]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.379 No_date   12:52   64.51 .571
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .468 No_date   12:26   62.78 .556
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.489 No_date   12:50   64.51 .571
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115             .82     .081 No_date   12:00   61.97 .548
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    1.379 No_date   12:52   64.51  n/a
                   +  02:120            5.72     .468 No_date   12:26   62.78  n/a
                   +  03:130           25.60    1.489 No_date   12:50   64.51  n/a
                   +  04:115             .82     .081 No_date   12:00   61.97  n/a
      [DT= 2.00]  SUM=  05:500           56.64    3.269 No_date   12:46   64.30  n/a
 005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    3.269 No_date   12:46   64.30  n/a
      [RDT= 2.00] out<- 01:700           56.64    2.018 No_date   13:40   64.30  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .782:Dmax=  .242}
 005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   19.388 No_date   14:48   68.82 .609
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    2.018 No_date   13:40   64.30  n/a
                   +  02:105          714.00   19.388 No_date   14:48   68.82  n/a
      [DT= 2.00]  SUM=  03:505          770.64   21.033 No_date   14:40   68.49  n/a
 005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    5.031 No_date   13:06   74.50 .659
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .670 No_date   12:20   76.72 .679
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .867 No_date   12:30   59.09 .523
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    2.208 No_date   12:36   66.47 .588
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    2.548 No_date   12:56   66.46 .588
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    4.255 No_date   14:02   62.94 .557
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    1.931 No_date   13:02   62.78 .556
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
  ** END OF RUN :   5

********************************************************************************
```

```
 RUN:COMMAND#
 006:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   6 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
 #  Date        : 01-21-2016
 #  Modeller    : [LS]
 #  Company     : MMM Group
 #  License #   :  4313781
 006:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 122.00]
 006:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    1.545 No_date   12:52   72.13 .591
      [CN= 78.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 006:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .525 No_date   12:26   70.30 .576
      [CN= 77.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 006:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    1.668 No_date   12:50   72.13 .591
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 006:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     04:115             .82     .089 No_date   12:00   68.88 .565
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 006:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    1.545 No_date   12:52   72.13  n/a
                   +  02:120            5.72     .525 No_date   12:26   70.30  n/a
                   +  03:130           25.60    1.668 No_date   12:50   72.13  n/a
                   +  04:115             .82     .089 No_date   12:00   68.88  n/a
      [DT= 2.00]  SUM=  05:500           56.64    3.666 No_date   12:46   71.90  n/a
 006:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    3.666 No_date   12:46   71.90  n/a
      [RDT= 2.00] out<- 01:700           56.64    2.284 No_date   13:38   71.90  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .810:Dmax=  .257}
 006:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   21.651 No_date   14:46   76.72 .629
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 006:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    2.284 No_date   13:38   71.90  n/a
                   +  02:105          714.00   21.651 No_date   14:46   76.72  n/a
      [DT= 2.00]  SUM=  03:505          770.64   23.482 No_date   14:40   76.37  n/a
 006:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    5.585 No_date   13:06   82.68 .678
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 006:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .741 No_date   12:20   85.05 .697
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 006:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20     .977 No_date   12:30   66.40 .544
      [CN= 75.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 006:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    2.471 No_date   12:36   74.26 .609
      [CN= 80.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
```

```
 006:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    2.849 No_date   12:56   74.18 .608
      [CN= 79.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 006:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00    4.774 No_date   14:02   70.46 .578
      [CN= 77.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 006:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    2.167 No_date   13:02   70.30 .576
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
 006:0002--------------------------------------------------------------------------------
      FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
 006:0006 CALIB STANDHYD
      *** WARNING: Storage Coefficient is smaller than DT!
                   Use a smaller DT or a larger area.
   Simulation ended on 2016-01-25     at 08:26:37
================================================================================
```

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 ***************************** SWMHYMO Ver/4.05  ********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                 *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.          *********
 *********                  Ottawa,  Ontario: (613) 836-3884           *********
 *********                  Gatineau, Quebec: (819) 243-6858           *********
 *********                  E-Mail: swmhymo@jfsa.Com                   *********
 ********************************************************************************

 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-01-25     TIME: 08:28:32     RUN COUNTER: 000177          *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\3214006\CH_E_Haz.dat                            *
 * Output  filename: C:\SWMHYMO\3214006\CH_E_Haz.out                            *
 * Summary filename: C:\SWMHYMO\3214006\CH_E_Haz.sum                            *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]    Project Number: [3214006]
#  Date        : 01-21-2016
#  Modeller    : [LS]
#  Company     : MMM Group
#  License #   :  4313781
 RUN:COMMAND#
 001:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
 001:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT= 212.00]
 001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:125           24.50    2.644 No_date   11:06  181.67 .857
      [CN= 90.0: N= 3.00]
      [Tp=  .92:DT= 2.00]
 001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:120            5.72     .706 No_date   10:20  178.95 .844
      [CN= 89.0: N= 3.00]
      [Tp=  .53:DT= 2.00]
 001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:130           25.60    2.793 No_date   11:04  181.67 .857
      [CN= 90.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:115            .82     .085 No_date   10:42  173.10 .817
      [XIMP=.24:TIMP=.24]
      [LOSS= 2 :CN= 82.0]
      [Pervious     area: IAper= 6.70:SLPP=2.00:LGP= 375.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  74.:MNI=.015:SCI=   .0]
 001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:125           24.50    2.644 No_date   11:06  181.67  n/a
                      + 02:120            5.72     .706 No_date   10:20  178.95  n/a
                      + 03:130           25.60    2.793 No_date   11:04  181.67  n/a
                      + 04:115            .82     .085 No_date   10:42  173.10  n/a
      [DT= 2.00]  SUM=  05:500           56.64    6.151 No_date   11:00  181.27  n/a
 001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           56.64    6.151 No_date   11:00  181.27  n/a
      [RDT= 2.00] out<- 01:700           56.64    5.501 No_date   11:28  181.27  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .998:Dmax=  .345}
 001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105          714.00   50.923 No_date   12:28  186.15 .878
      [CN= 92.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           56.64    5.501 No_date   11:28  181.27  n/a
                      + 02:105          714.00   50.923 No_date   12:28  186.15  n/a
      [DT= 2.00]  SUM=  03:505          770.64   55.203 No_date   12:18  185.79  n/a
 001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    9.185 No_date   11:16  189.40 .893
      [CN= 93.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:110            5.73     .761 No_date   10:12  190.47 .898
      [CN= 94.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       04:135           12.20    1.453 No_date   10:26  175.57 .828
      [CN= 88.0: N= 3.00]
      [Tp=  .59:DT= 2.00]
 001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:140           30.20    3.523 No_date   10:36  182.82 .862
      [CN= 91.0: N= 3.00]
      [Tp=  .68:DT= 2.00]
 001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       06:145           46.40    4.934 No_date   11:08  184.60 .871
      [CN= 91.0: N= 3.00]
      [Tp=  .99:DT= 2.00]
 001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:150          136.00   11.005 No_date   11:56  179.15 .845
      [CN= 89.0: N= 3.00]
      [Tp= 1.92:DT= 2.00]
 001:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       08:155           39.30    4.047 No_date   11:12  178.95 .844
      [CN= 89.0: N= 3.00]
```

```
      [Tp= 1.06:DT= 2.00]
 001:0018----------------------------------------------------------------------------
      FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
   Simulation ended on 2016-01-25     at 08:28:33
================================================================================
```

```
================================================================================
   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 ***************************** SWMHYMO Ver/4.05  ********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-17     TIME: 13:20:03     RUN COUNTER: 000563         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_12C.dat                       *
 * Output  filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_12C.out                       *
 * Summary filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_12C.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  47.07]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .072 No_date    5:32    7.70 .163
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00     .288 No_date    5:04   10.78 .229
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00     .288 No_date    5:04   10.78  n/a
       Major System /   04:220-1           .00     .000 No_date    0:00     .00  n/a
       Minor System \   05:220-2         21.00     .288 No_date    5:04   10.78  n/a
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .072 No_date    5:32    7.70  n/a
                      + 05:220-2         21.00     .288 No_date    5:04   10.78  n/a
      [DT= 2.00]  SUM=  03:515           31.60     .347 No_date    5:08    9.75  n/a
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .220 No_date    4:30   17.52 .372
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .220 No_date    4:30   17.52  n/a
                      + 03:515           31.60     .347 No_date    5:08    9.75  n/a
      [DT= 2.00]  SUM=  02:520           36.30     .413 No_date    5:04   10.75  n/a
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .118 No_date    4:36   16.78 .356
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           36.30     .413 No_date    5:04   10.75  n/a
                      + 03:205            3.21     .118 No_date    4:36   16.78  n/a
      [DT= 2.00]  SUM=  04:521           39.51     .470 No_date    5:00   11.24  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00     .547 No_date    4:32   20.04 .426
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00     .547 No_date    4:32   20.04  n/a
       Major System /   02:200-01          .00     .000 No_date    0:00     .00  n/a
       Minor System \   03:200-02         9.00     .547 No_date    4:32   20.04  n/a
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .083 No_date    4:34   18.90 .401
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .083 No_date    4:34   18.90  n/a
                      + 02:200-01          .00     .000 No_date    0:00     .00  n/a
      [DT= 2.00]  SUM=  05:522           1.60     .083 No_date    4:34   18.90  n/a
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521           39.51     .470 No_date    5:00   11.24  n/a
                      + 05:522           1.60     .083 No_date    4:34   18.90  n/a
      [DT= 2.00]  SUM=  06:525           41.11     .498 No_date    4:58   11.54  n/a
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:225            2.65     .188 No_date    4:30   20.73 .440
      [XIMP=.35:TIMP=.35]
      [LOSS= 2 :CN= 59.0]
```

```
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
001:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .040 No_date    4:30   19.78 .420
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
001:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .188 No_date    4:30   20.73  n/a
                   +   02:230             .81     .040 No_date    4:30   19.78  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .229 No_date    4:30   20.50  n/a
001:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90     .335 No_date    6:50   11.86 .252
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
001:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00     .399 No_date    5:54   13.14 .279
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
001:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .153 No_date    5:08   12.37 .263
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
001:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .227 No_date    5:46    9.93 .211
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
001:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50     .541 No_date    5:56   10.51 .223
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
001:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .227 No_date    5:46    9.93  n/a
                   +   02:260           71.50     .541 No_date    5:56   10.51  n/a
     [DT= 2.00]  SUM=  03:535          100.90     .765 No_date    5:54   10.34  n/a
001:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .071 No_date    4:30   16.78 .356
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
001:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .023 No_date    4:46    8.45 .179
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
001:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .071 No_date    4:30   16.78  n/a
                   +   02:265            1.50     .023 No_date    4:46    8.45  n/a
                   +   03:535          100.90     .765 No_date    5:54   10.34  n/a
     [DT= 2.00]  SUM=  04:540          103.96     .782 No_date    5:52   10.41  n/a
001:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .217 No_date    5:16   10.88 .231
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:275             .40     .026 No_date    4:30   19.63 .417
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
001:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .217 No_date    5:16   10.88  n/a
                   +   02:275             .40     .026 No_date    4:30   19.63  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .221 No_date    5:14   11.06  n/a
  ** END OF RUN :   1

**************************************************************************



 RUN:COMMAND#
```

```
 002:0001--------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   2 ]
 #*************************************************************************
 #  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
 #  Date        : January 2016
 #  Modeller    : [LS/MB]
 #  Company     : MMM Group
 #  License #   : 4313781
 002:0002--------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  61.62]
 002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .139 No_date    5:30   13.56 .220
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00     .538 No_date    5:04   18.25 .296
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00     .538 No_date    5:04   18.25  n/a
        Major System /  04:220-1           .00     .000 No_date    0:00     .00  n/a
        Minor System \  05:220-2         21.00     .538 No_date    5:04   18.25  n/a
 002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .139 No_date    5:30   13.56  n/a
                    +   05:220-2         21.00     .538 No_date    5:04   18.25  n/a
      [DT= 2.00]  SUM=  03:515           31.60     .654 No_date    5:08   16.68  n/a
 002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .317 No_date    4:30   25.85 .419
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .317 No_date    4:30   25.85  n/a
                    +   03:515           31.60     .654 No_date    5:08   16.68  n/a
      [DT= 2.00]  SUM=  02:520           36.30     .766 No_date    5:02   17.86  n/a
 002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .181 No_date    4:36   24.52 .398
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           36.30     .766 No_date    5:02   17.86  n/a
                    +   03:205            3.21     .181 No_date    4:36   24.52  n/a
      [DT= 2.00]  SUM=  04:521           39.51     .857 No_date    5:00   18.40  n/a
 002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00     .797 No_date    4:30   28.52 .463
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00     .797 No_date    4:30   28.52  n/a
        Major System /  02:200-01          .00     .000 No_date    0:00     .00  n/a
        Minor System \  03:200-02         9.00     .797 No_date    4:30   28.52  n/a
 002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .123 No_date    4:32   26.83 .435
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
 002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .123 No_date    4:32   26.83  n/a
                    +   02:200-01          .00     .000 No_date    0:00     .00  n/a
      [DT= 2.00]  SUM=  05:522           1.60     .123 No_date    4:32   26.83  n/a
 002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
    ADD HYD           04:521          39.51     .857 No_date    5:00   18.40  n/a
                  +   05:522           1.60     .123 No_date    4:32   26.83  n/a
     [DT= 2.00]  SUM=  06:525          41.11     .900 No_date    4:58   18.73  n/a
002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225           2.65     .261 No_date    4:30   29.42 .477
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230            .81     .060 No_date    4:30   29.49 .479
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
002:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:225           2.65     .261 No_date    4:30   29.42  n/a
                  +   02:230            .81     .060 No_date    4:30   29.49  n/a
     [DT= 2.00]  SUM=  03:530           3.46     .321 No_date    4:30   29.44  n/a
002:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235          53.90     .596 No_date    6:44   19.80 .321
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
002:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240          41.00     .713 No_date    5:52   21.73 .353
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
002:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245          10.00     .283 No_date    5:06   20.68 .336
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
002:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255          29.40     .422 No_date    5:44   16.97 .275
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
002:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260          71.50     .991 No_date    5:54   17.79 .289
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
002:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:255          29.40     .422 No_date    5:44   16.97  n/a
                  +   02:260          71.50     .991 No_date    5:54   17.79  n/a
     [DT= 2.00]  SUM=  03:535         100.90    1.410 No_date    5:50   17.55  n/a
002:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250           1.56     .098 No_date    4:30   24.75 .402
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
002:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265           1.50     .046 No_date    4:46   14.81 .240
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
002:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:250           1.56     .098 No_date    4:30   24.75  n/a
                  +   02:265           1.50     .046 No_date    4:46   14.81  n/a
                  +   03:535         100.90    1.410 No_date    5:50   17.55  n/a
     [DT= 2.00]  SUM=  04:540         103.96    1.439 No_date    5:50   17.62  n/a
002:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270          18.30     .402 No_date    5:14   18.36 .298
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
002:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275            .40     .038 No_date    4:30   28.57 .464
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
002:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:270          18.30     .402 No_date    5:14   18.36  n/a
                  +   02:275            .40     .038 No_date    4:30   28.57  n/a
     [DT= 2.00]  SUM=  06:545          18.70     .408 No_date    5:14   18.58  n/a
 ** END OF RUN :   2
```

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**************************************************************************



 RUN:COMMAND#
 003:0001--------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
#**************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 003:0002--------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  70.72]
 003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215          10.60     .190 No_date    5:28   17.82 .252
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220          21.00     .719 No_date    5:04   23.53 .333
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220          21.00     .719 No_date    5:04   23.53  n/a
        Major System /  04:220-1         1.32     .181 No_date    5:04   23.53  n/a
        Minor System \  05:220-2        19.68     .538 No_date    4:46   23.53  n/a
 003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           01:215          10.60     .190 No_date    5:28   17.82  n/a
                   +   05:220-2        19.68     .538 No_date    4:46   23.53  n/a
      [DT= 2.00]  SUM=  03:515          30.28     .728 No_date    5:28   21.53  n/a
 003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210           4.70     .386 No_date    4:30   31.50 .445
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           01:210           4.70     .386 No_date    4:30   31.50  n/a
                   +   03:515          30.28     .728 No_date    5:28   21.53  n/a
      [DT= 2.00]  SUM=  02:520          34.98     .851 No_date    4:46   22.87  n/a
 003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205           3.21     .226 No_date    4:36   29.79 .421
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           02:520          34.98     .851 No_date    4:46   22.87  n/a
                   +   03:205           3.21     .226 No_date    4:36   29.79  n/a
      [DT= 2.00]  SUM=  04:521          38.19    1.036 No_date    4:46   23.45  n/a
 003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0         9.00     .955 No_date    4:30   34.18 .483
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0         9.00     .955 No_date    4:30   34.18  n/a
        Major System /  02:200-01         .12     .155 No_date    4:30   34.18  n/a
        Minor System \  03:200-02        8.88     .800 No_date    4:28   34.18  n/a
 003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1         1.60     .150 No_date    4:32   32.15 .455
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 54.0]
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     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .150 No_date    4:32   32.15  n/a
                   +   02:200-01          .12     .155 No_date    4:30   34.18  n/a
     [DT= 2.00]  SUM=  05:522           1.72     .299 No_date    4:30   32.29  n/a
003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521          38.19    1.036 No_date    4:46   23.45  n/a
                   +   05:522           1.72     .299 No_date    4:30   32.29  n/a
     [DT= 2.00]  SUM=  06:525          39.91    1.123 No_date    4:46   23.83  n/a
003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225           2.65     .309 No_date    4:30   35.22 .498
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230            .81     .076 No_date    4:30   36.03 .509
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
003:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225           2.65     .309 No_date    4:30   35.22  n/a
                   +   02:230            .81     .076 No_date    4:30   36.03  n/a
     [DT= 2.00]  SUM=  03:530           3.46     .385 No_date    4:30   35.41  n/a
003:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235          53.90     .782 No_date    6:42   25.37 .359
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
003:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240          41.00     .936 No_date    5:50   27.70 .392
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
003:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245          10.00     .376 No_date    5:06   26.48 .374
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
003:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255          29.40     .566 No_date    5:42   21.99 .311
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
003:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260          71.50    1.318 No_date    5:52   22.95 .325
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
003:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255          29.40     .566 No_date    5:42   21.99  n/a
                   +   02:260          71.50    1.318 No_date    5:52   22.95  n/a
     [DT= 2.00]  SUM=  03:535         100.90    1.878 No_date    5:50   22.67  n/a
003:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250           1.56     .115 No_date    4:30   30.18 .427
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
003:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265           1.50     .063 No_date    4:46   19.40 .274
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
003:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250           1.56     .115 No_date    4:30   30.18  n/a
                   +   02:265           1.50     .063 No_date    4:46   19.40  n/a
                   +   03:535         100.90    1.878 No_date    5:50   22.67  n/a
     [DT= 2.00]  SUM=  04:540         103.96    1.917 No_date    5:48   22.73  n/a
003:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270          18.30     .536 No_date    5:14   23.65 .334
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
003:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275            .40     .048 No_date    4:30   34.58 .489
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
003:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270          18.30     .536 No_date    5:14   23.65  n/a
                   +   02:275            .40     .048 No_date    4:30   34.58  n/a
     [DT= 2.00]  SUM=  06:545          18.70     .543 No_date    5:12   23.88  n/a
  ** END OF RUN :   3

********************************************************************************




 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
 #  Date        : January 2016
 #  Modeller    : [LS/MB]
 #  Company     : MMM Group
 #  License #   : 4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  82.81]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215          10.60     .270 No_date    5:28   24.06 .291
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220          21.00    1.001 No_date    5:04   31.12 .376
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220          21.00    1.001 No_date    5:04   31.12  n/a
        Major System /  04:220-1         3.63     .463 No_date    5:04   31.12  n/a
        Minor System \  05:220-2        17.37     .538 No_date    4:40   31.12  n/a
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215          10.60     .270 No_date    5:28   24.06  n/a
                    +   05:220-2        17.37     .538 No_date    4:40   31.12  n/a
      [DT= 2.00]  SUM=  03:515          27.97     .808 No_date    5:28   28.45  n/a
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210           4.70     .505 No_date    4:30   39.45 .476
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210           4.70     .505 No_date    4:30   39.45  n/a
                    +   03:515          27.97     .808 No_date    5:28   28.45  n/a
      [DT= 2.00]  SUM=  02:520          32.67    1.009 No_date    4:40   30.03  n/a
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205           3.21     .301 No_date    4:36   37.21 .449
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520          32.67    1.009 No_date    4:40   30.03  n/a
                    +   03:205           3.21     .301 No_date    4:36   37.21  n/a
      [DT= 2.00]  SUM=  04:521          35.88    1.293 No_date    4:40   30.67  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0         9.00    1.178 No_date    4:30   42.08 .508
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
    COMPUTE DUALHYD    01:200-0          9.00    1.178 No_date    4:30   42.08  n/a
       Major System /  02:200-01          .37     .378 No_date    4:30   42.08  n/a
       Minor System \  03:200-02         8.63     .800 No_date    4:26   42.08  n/a
004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .190 No_date    4:32   39.57 .478
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .190 No_date    4:32   39.57  n/a
                   +   02:200-01          .37     .378 No_date    4:30   42.08  n/a
     [DT= 2.00]  SUM=  05:522           1.97     .560 No_date    4:30   40.05  n/a
004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521          35.88    1.293 No_date    4:40   30.67  n/a
                   +   05:522           1.97     .560 No_date    4:30   40.05  n/a
     [DT= 2.00]  SUM=  06:525          37.85    1.589 No_date    4:32   31.16  n/a
004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .383 No_date    4:30   43.29 .523
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .102 No_date    4:30   45.15 .545
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
004:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .383 No_date    4:30   43.29  n/a
                   +   02:230             .81     .102 No_date    4:30   45.15  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .484 No_date    4:30   43.72  n/a
004:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.066 No_date    6:40   33.32 .402
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
004:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.277 No_date    5:48   36.17 .437
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
004:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .518 No_date    5:06   34.75 .420
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
004:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .788 No_date    5:42   29.23 .353
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
004:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    1.825 No_date    5:50   30.39 .367
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
004:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .788 No_date    5:42   29.23  n/a
                   +   02:260           71.50    1.825 No_date    5:50   30.39  n/a
     [DT= 2.00]  SUM=  03:535          100.90    2.605 No_date    5:48   30.05  n/a
004:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .140 No_date    4:30   37.83 .457
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
004:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .090 No_date    4:46   26.10 .315
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
004:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .140 No_date    4:30   37.83  n/a
                   +   02:265            1.50     .090 No_date    4:46   26.10  n/a
                   +   03:535          100.90    2.605 No_date    5:48   30.05  n/a
     [DT= 2.00]  SUM=  04:540          103.96    2.655 No_date    5:46   30.11  n/a
004:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .744 No_date    5:14   31.25 .377
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
004:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .063 No_date    4:30   42.99 .519
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
004:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .744 No_date    5:14   31.25  n/a
                   +   02:275             .40     .063 No_date    4:30   42.99  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .754 No_date    5:12   31.50  n/a
 ** END OF RUN :   4

********************************************************************************




 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 005:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT=  91.25]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .328 No_date    5:26   28.78 .315
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.199 No_date    5:04   36.76 .403
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.199 No_date    5:04   36.76  n/a
        Major System /  04:220-1          4.93     .661 No_date    5:04   36.76  n/a
        Minor System \  05:220-2         16.07     .538 No_date    4:38   36.76  n/a
 005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .328 No_date    5:26   28.78  n/a
                    +   05:220-2         16.07     .538 No_date    4:38   36.76  n/a
      [DT= 2.00]  SUM=  03:515           26.67     .866 No_date    5:26   33.59  n/a
 005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .572 No_date    4:30   45.27 .496
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .572 No_date    4:30   45.27  n/a
                    +   03:515           26.67     .866 No_date    5:26   33.59  n/a
      [DT= 2.00]  SUM=  02:520           31.37    1.099 No_date    4:40   35.34  n/a
 005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .359 No_date    4:36   42.65 .467
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           31.37    1.099 No_date    4:40   35.34  n/a
                    +   03:205            3.21     .359 No_date    4:36   42.65  n/a
      [DT= 2.00]  SUM=  04:521           34.58    1.436 No_date    4:40   36.02  n/a
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005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00    1.331 No_date    4:30   47.82 .524
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.331 No_date    4:30   47.82  n/a
       Major System /  02:200-01          .61     .531 No_date    4:30   47.82  n/a
       Minor System \  03:200-02         8.39     .800 No_date    4:24   47.82  n/a
005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .215 No_date    4:32   44.98 .493
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .215 No_date    4:32   44.98  n/a
                   +   02:200-01          .61     .531 No_date    4:30   47.82  n/a
     [DT= 2.00]  SUM=  05:522            2.21     .736 No_date    4:30   45.77  n/a
005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           34.58    1.436 No_date    4:40   36.02  n/a
                   +   05:522            2.21     .736 No_date    4:30   45.77  n/a
     [DT= 2.00]  SUM=  06:525           36.79    1.961 No_date    4:32   36.60  n/a
005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .430 No_date    4:30   49.14 .539
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:230             .81     .125 No_date    4:30   51.76 .567
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
005:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .430 No_date    4:30   49.14  n/a
                   +   02:230             .81     .125 No_date    4:30   51.76  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .555 No_date    4:30   49.76  n/a
005:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.268 No_date    6:38   39.21 .430
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
005:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.516 No_date    5:48   42.40 .465
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
005:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .618 No_date    5:04   40.84 .448
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
005:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .947 No_date    5:40   34.64 .380
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
005:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    2.186 No_date    5:50   35.92 .394
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
005:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .947 No_date    5:40   34.64  n/a
                   +   02:260           71.50    2.186 No_date    5:50   35.92  n/a
     [DT= 2.00]  SUM=  03:535          100.90    3.124 No_date    5:48   35.54  n/a
005:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .157 No_date    4:30   43.44 .476
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
005:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .108 No_date    4:46   31.13 .341
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
005:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .157 No_date    4:30   43.44  n/a
                   +   02:265            1.50     .108 No_date    4:46   31.13  n/a
                   +   03:535          100.90    3.124 No_date    5:48   35.54  n/a
     [DT= 2.00]  SUM=  04:540          103.96    3.181 No_date    5:46   35.60  n/a
005:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .891 No_date    5:12   36.89 .404
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
005:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .072 No_date    4:30   49.11 .538
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
005:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .891 No_date    5:12   36.89  n/a
                   +   02:275             .40     .072 No_date    4:30   49.11  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .902 No_date    5:12   37.16  n/a
 ** END OF RUN :   5

*******************************************************************************




 RUN:COMMAND#
 006:0001--------------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   6 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 006:0002--------------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  12.00:PTOT= 100.07]
 006:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .393 No_date    5:26   33.98 .340
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
 006:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00    1.421 No_date    5:02   42.90 .429
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
 006:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00    1.421 No_date    5:02   42.90  n/a
       Major System /  04:220-1          6.11     .883 No_date    5:02   42.90  n/a
       Minor System \  05:220-2         14.89     .538 No_date    4:36   42.90  n/a
 006:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .393 No_date    5:26   33.98  n/a
                   +   05:220-2         14.89     .538 No_date    4:36   42.90  n/a
     [DT= 2.00]  SUM=  03:515           25.49     .931 No_date    5:26   39.19  n/a
 006:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .685 No_date    4:32   51.55 .515
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 006:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .685 No_date    4:32   51.55  n/a
                   +   03:515           25.49     .931 No_date    5:26   39.19  n/a
     [DT= 2.00]  SUM=  02:520           30.19    1.213 No_date    4:40   41.11  n/a
 006:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .417 No_date    4:36   48.53 .485
     [XIMP=.25:TIMP=.25]
```

```
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
006:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520          30.19    1.213 No_date    4:40   41.11  n/a
                   +   03:205           3.21     .417 No_date    4:36   48.53  n/a
     [DT= 2.00]  SUM=  04:521          33.40    1.618 No_date    4:36   41.83  n/a
006:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0         9.00    1.504 No_date    4:30   54.00 .540
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
006:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0         9.00    1.504 No_date    4:30   54.00  n/a
       Major System /  02:200-01         .86     .704 No_date    4:30   54.00  n/a
       Minor System \  03:200-02        8.14     .800 No_date    4:24   54.00  n/a
006:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1         1.60     .253 No_date    4:32   50.81 .508
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
006:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1         1.60     .253 No_date    4:32   50.81  n/a
                   +   02:200-01         .86     .704 No_date    4:30   54.00  n/a
     [DT= 2.00]  SUM=  05:522          2.46     .944 No_date    4:30   51.93  n/a
006:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521          33.40    1.618 No_date    4:36   41.83  n/a
                   +   05:522           2.46     .944 No_date    4:30   51.93  n/a
     [DT= 2.00]  SUM=  06:525          35.86    2.420 No_date    4:32   42.52  n/a
006:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225           2.65     .491 No_date    4:30   55.43 .554
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
006:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:230            .81     .145 No_date    4:30   58.85 .588
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
006:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225           2.65     .491 No_date    4:30   55.43  n/a
                   +   02:230            .81     .145 No_date    4:30   58.85  n/a
     [DT= 2.00]  SUM=  03:530           3.46     .637 No_date    4:30   56.23  n/a
006:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235          53.90    1.488 No_date    6:38   45.59 .456
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
006:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240          41.00    1.776 No_date    5:48   49.12 .491
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
006:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245          10.00     .728 No_date    5:04   47.44 .474
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
006:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255          29.40    1.122 No_date    5:40   40.54 .405
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
006:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260          71.50    2.583 No_date    5:50   41.95 .419
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
006:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255          29.40    1.122 No_date    5:40   40.54  n/a
                   +   02:260          71.50    2.583 No_date    5:50   41.95  n/a
     [DT= 2.00]  SUM=  03:535         100.90    3.694 No_date    5:46   41.54  n/a
006:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250           1.56     .177 No_date    4:30   49.50 .495
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
006:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265           1.50     .130 No_date    4:44   36.66 .366
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
006:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250           1.56     .177 No_date    4:30   49.50  n/a
                   +   02:265           1.50     .130 No_date    4:44   36.66  n/a
                   +   03:535         100.90    3.694 No_date    5:46   41.54  n/a
     [DT= 2.00]  SUM=  04:540         103.96    3.760 No_date    5:46   41.59  n/a
006:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270          18.30    1.054 No_date    5:12   43.04 .430
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
006:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275            .40     .082 No_date    4:30   55.69 .557
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
006:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270          18.30    1.054 No_date    5:12   43.04  n/a
                   +   02:275            .40     .082 No_date    4:30   55.69  n/a
     [DT= 2.00]  SUM=  06:545          18.70    1.067 No_date    5:12   43.31  n/a
006:0002--------------------------------------------------------------------------------
     FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------

   Simulation ended on 2016-02-17     at 13:20:05
================================================================================
```

```
================================================================================
   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                        9   9  9   9   # 4313781
        StormWater Management HYdrologic Model          999    999    =========

 ********************************************************************************
 **************************** SWMHYMO Ver/4.05  *********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-17     TIME: 13:20:11     RUN COUNTER: 000564         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_24C.dat                       *
 * Output  filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_24C.out                       *
 * Summary filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_24C.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                 Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  58.01]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .093 No_date    9:48   11.99 .207
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00     .367 No_date    9:24   16.28 .281
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00     .367 No_date    9:24   16.28  n/a
       Major System /   04:220-1           .00     .000 No_date    0:00     .00  n/a
       Minor System \   05:220-2         21.00     .367 No_date    9:24   16.28  n/a
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .093 No_date    9:48   11.99  n/a
                      + 05:220-2         21.00     .367 No_date    9:24   16.28  n/a
      [DT= 2.00]  SUM=  03:515           31.60     .445 No_date    9:26   14.84  n/a
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .233 No_date    8:50   23.70 .408
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .233 No_date    8:50   23.70  n/a
                      + 03:515           31.60     .445 No_date    9:26   14.84  n/a
      [DT= 2.00]  SUM=  02:520           36.30     .525 No_date    9:22   15.99  n/a
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .128 No_date    8:56   22.52 .388
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           36.30     .525 No_date    9:22   15.99  n/a
                      + 03:205            3.21     .128 No_date    8:56   22.52  n/a
      [DT= 2.00]  SUM=  04:521           39.51     .592 No_date    9:20   16.52  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00     .569 No_date    8:52   26.35 .454
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00     .569 No_date    8:52   26.35  n/a
       Major System /   02:200-01          .00     .000 No_date    0:00     .00  n/a
       Minor System \   03:200-02         9.00     .569 No_date    8:52   26.35  n/a
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .087 No_date    8:54   24.80 .427
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .087 No_date    8:54   24.80  n/a
                      + 02:200-01          .00     .000 No_date    0:00     .00  n/a
      [DT= 2.00]  SUM=  05:522           1.60     .087 No_date    8:54   24.80  n/a
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521           39.51     .592 No_date    9:20   16.52  n/a
                      + 05:522           1.60     .087 No_date    8:54   24.80  n/a
      [DT= 2.00]  SUM=  06:525           41.11     .626 No_date    9:16   16.84  n/a
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:225            2.65     .194 No_date    8:50   27.20 .469
      [XIMP=.35:TIMP=.35]
      [LOSS= 2 :CN= 59.0]
```

```
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
001:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .044 No_date    8:50   26.99 .465
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
001:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .194 No_date    8:50   27.20  n/a
                   +   02:230             .81     .044 No_date    8:50   26.99  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .239 No_date    8:50   27.15  n/a
001:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90     .420 No_date   11:04   17.71 .305
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
001:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00     .499 No_date   10:12   19.49 .336
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
001:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .194 No_date    9:26   18.49 .319
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
001:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .290 No_date   10:04   15.11 .260
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
001:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50     .685 No_date   10:14   15.86 .273
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
001:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .290 No_date   10:04   15.11  n/a
                   +   02:260           71.50     .685 No_date   10:14   15.86  n/a
     [DT= 2.00]  SUM=  03:535          100.90     .972 No_date   10:10   15.64  n/a
001:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .073 No_date    8:50   22.69 .391
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
001:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .031 No_date    9:04   13.11 .226
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
001:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .073 No_date    8:50   22.69  n/a
                   +   02:265            1.50     .031 No_date    9:04   13.11  n/a
                   +   03:535          100.90     .972 No_date   10:10   15.64  n/a
     [DT= 2.00]  SUM=  04:540          103.96     .993 No_date   10:10   15.71  n/a
001:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .275 No_date    9:34   16.39 .282
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:275             .40     .028 No_date    8:50   26.27 .453
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
001:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .275 No_date    9:34   16.39  n/a
                   +   02:275             .40     .028 No_date    8:50   26.27  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .280 No_date    9:32   16.60  n/a
  ** END OF RUN :   1

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RUN:COMMAND#
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002:0001--------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   2 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
002:0002--------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT=  74.05]
002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .171 No_date    9:48   19.47 .263
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00     .644 No_date    9:22   25.56 .345
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00     .644 No_date    9:22   25.56  n/a
      Major System /   04:220-1           .00     .000 No_date    9:22   25.56  n/a
      Minor System \   05:220-2         21.00     .644 No_date    9:22   25.56  n/a
002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .171 No_date    9:48   19.47  n/a
                   +   05:220-2         21.00     .644 No_date    9:22   25.56  n/a
     [DT= 2.00]  SUM=  03:515           31.60     .788 No_date    9:26   23.52  n/a
002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .340 No_date    8:50   33.64 .454
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .340 No_date    8:50   33.64  n/a
                   +   03:515           31.60     .788 No_date    9:26   23.52  n/a
     [DT= 2.00]  SUM=  02:520           36.30     .917 No_date    9:22   24.83  n/a
002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .198 No_date    8:56   31.78 .429
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           36.30     .917 No_date    9:22   24.83  n/a
                   +   03:205            3.21     .198 No_date    8:56   31.78  n/a
     [DT= 2.00]  SUM=  04:521           39.51    1.017 No_date    9:18   25.39  n/a
002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00     .830 No_date    8:50   36.32 .490
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00     .830 No_date    8:50   36.32  n/a
      Major System /   02:200-01          .00     .000 No_date    0:00     .00  n/a
      Minor System \   03:200-02         9.00     .830 No_date    8:50   36.32  n/a
002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .129 No_date    8:52   34.15 .461
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .129 No_date    8:52   34.15  n/a
                   +   02:200-01          .00     .000 No_date    0:00     .00  n/a
     [DT= 2.00]  SUM=  05:522           1.60     .129 No_date    8:52   34.15  n/a
002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    ADD HYD           04:521          39.51    1.017 No_date    9:18   25.39  n/a
                  +   05:522           1.60     .129 No_date    8:52   34.15  n/a
     [DT= 2.00]  SUM=  06:525          41.11    1.068 No_date    9:16   25.73  n/a
002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225           2.65     .270 No_date    8:50   37.40 .505
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230            .81     .068 No_date    8:50   38.49 .520
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
002:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:225           2.65     .270 No_date    8:50   37.40  n/a
                  +   02:230            .81     .068 No_date    8:50   38.49  n/a
     [DT= 2.00]  SUM=  03:530           3.46     .337 No_date    8:50   37.66  n/a
002:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235          53.90     .711 No_date   11:00   27.50 .371
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
002:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240          41.00     .848 No_date   10:10   29.98 .405
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
002:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245          10.00     .337 No_date    9:24   28.70 .388
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
002:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255          29.40     .510 No_date   10:02   23.92 .323
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
002:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260          71.50    1.191 No_date   10:12   24.94 .337
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
002:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:255          29.40     .510 No_date   10:02   23.92  n/a
                  +   02:260          71.50    1.191 No_date   10:12   24.94  n/a
     [DT= 2.00]  SUM=  03:535         100.90    1.696 No_date   10:08   24.64  n/a
002:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250           1.56     .102 No_date    8:50   32.24 .435
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
002:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265           1.50     .056 No_date    9:04   21.18 .286
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
002:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:250           1.56     .102 No_date    8:50   32.24  n/a
                  +   02:265           1.50     .056 No_date    9:04   21.18  n/a
                  +   03:535         100.90    1.696 No_date   10:08   24.64  n/a
     [DT= 2.00]  SUM=  04:540         103.96    1.730 No_date   10:08   24.70  n/a
002:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270          18.30     .481 No_date    9:32   25.68 .347
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
002:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275            .40     .042 No_date    8:50   36.85 .498
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
002:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:270          18.30     .481 No_date    9:32   25.68  n/a
                  +   02:275            .40     .042 No_date    8:50   36.85  n/a
     [DT= 2.00]  SUM=  06:545          18.70     .488 No_date    9:32   25.92  n/a
 ** END OF RUN :   2
```

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**********************************************************************************


 RUN:COMMAND#
 003:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
#**********************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 003:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  86.37]
 003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215          10.60     .237 No_date    9:46   26.02 .301
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220          21.00     .874 No_date    9:22   33.47 .387
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220          21.00     .874 No_date    9:22   33.47  n/a
        Major System /  04:220-1         1.20     .230 No_date    9:22   33.47  n/a
        Minor System \  05:220-2        19.80     .644 No_date    9:06   33.47  n/a
 003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           01:215          10.60     .237 No_date    9:46   26.02  n/a
                   +   05:220-2        19.80     .644 No_date    9:06   33.47  n/a
      [DT= 2.00]  SUM=  03:515          30.40     .881 No_date    9:46   30.87  n/a
 003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210           4.70     .426 No_date    8:50   41.89 .485
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           01:210           4.70     .426 No_date    8:50   41.89  n/a
                   +   03:515          30.40     .881 No_date    9:46   30.87  n/a
      [DT= 2.00]  SUM=  02:520          35.10    1.029 No_date    9:04   32.35  n/a
 003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205           3.21     .258 No_date    8:56   39.48 .457
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD           02:520          35.10    1.029 No_date    9:04   32.35  n/a
                   +   03:205           3.21     .258 No_date    8:56   39.48  n/a
      [DT= 2.00]  SUM=  04:521          38.31    1.253 No_date    9:04   32.94  n/a
 003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0         9.00    1.006 No_date    8:50   44.48 .515
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0         9.00    1.006 No_date    8:50   44.48  n/a
        Major System /  02:200-01         .11     .176 No_date    8:50   44.48  n/a
        Minor System \  03:200-02        8.89     .830 No_date    8:48   44.48  n/a
 003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1         1.60     .160 No_date    8:52   41.83 .484
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 54.0]
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```
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .160 No_date    8:52   41.83  n/a
                   +   02:200-01          .11     .176 No_date    8:50   44.48  n/a
     [DT= 2.00]  SUM=  05:522            1.71     .329 No_date    8:50   42.00  n/a
003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           38.31    1.253 No_date    9:04   32.94  n/a
                   +   05:522            1.71     .329 No_date    8:50   42.00  n/a
     [DT= 2.00]  SUM=  06:525           40.02    1.362 No_date    9:04   33.33  n/a
003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .327 No_date    8:50   45.74 .530
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .089 No_date    8:50   47.92 .555
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
003:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .327 No_date    8:50   45.74  n/a
                   +   02:230             .81     .089 No_date    8:50   47.92  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .416 No_date    8:50   46.25  n/a
003:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90     .952 No_date   10:58   35.78 .414
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
003:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.132 No_date   10:08   38.77 .449
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
003:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .454 No_date    9:24   37.29 .432
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
003:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .695 No_date   10:00   31.48 .364
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
003:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    1.613 No_date   10:10   32.69 .378
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
003:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .695 No_date   10:00   31.48  n/a
                   +   02:260           71.50    1.613 No_date   10:10   32.69  n/a
     [DT= 2.00]  SUM=  03:535          100.90    2.300 No_date   10:08   32.34  n/a
003:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .122 No_date    8:50   40.17 .465
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
003:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .078 No_date    9:04   28.19 .326
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
003:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .122 No_date    8:50   40.17  n/a
                   +   02:265            1.50     .078 No_date    9:04   28.19  n/a
                   +   03:535          100.90    2.300 No_date   10:08   32.34  n/a
     [DT= 2.00]  SUM=  04:540          103.96    2.346 No_date   10:06   32.39  n/a
003:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .652 No_date    9:32   33.60 .389
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
003:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .052 No_date    8:50   45.55 .527
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
003:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .652 No_date    9:32   33.60  n/a
                   +   02:275             .40     .052 No_date    8:50   45.55  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .661 No_date    9:32   33.86  n/a
  ** END OF RUN :   3

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 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 101.05]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .334 No_date    9:46   34.57 .342
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.207 No_date    9:22   43.59 .431
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.207 No_date    9:22   43.59  n/a
        Major System /  04:220-1          3.16     .563 No_date    9:22   43.59  n/a
        Minor System \  05:220-2         17.84     .644 No_date    9:00   43.59  n/a
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .334 No_date    9:46   34.57  n/a
                    +   05:220-2         17.84     .644 No_date    9:00   43.59  n/a
      [DT= 2.00]  SUM=  03:515           28.44     .978 No_date    9:46   40.23  n/a
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .554 No_date    8:50   52.26 .517
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .554 No_date    8:50   52.26  n/a
                    +   03:515           28.44     .978 No_date    9:46   40.23  n/a
      [DT= 2.00]  SUM=  02:520           33.14    1.209 No_date    9:00   41.94  n/a
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .348 No_date    8:56   49.20 .487
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           33.14    1.209 No_date    9:00   41.94  n/a
                    +   03:205            3.21     .348 No_date    8:56   49.20  n/a
      [DT= 2.00]  SUM=  04:521           36.35    1.537 No_date    9:00   42.58  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.252 No_date    8:50   54.70 .541
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    COMPUTE DUALHYD    01:200-0          9.00    1.252 No_date    8:50   54.70  n/a
       Major System /  02:200-01          .35     .422 No_date    8:50   54.70  n/a
       Minor System \  03:200-02         8.65     .830 No_date    8:44   54.70  n/a
004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .205 No_date    8:52   51.47 .509
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .205 No_date    8:52   51.47  n/a
                   +   02:200-01          .35     .422 No_date    8:50   54.70  n/a
     [DT= 2.00]  SUM=  05:522            1.95     .617 No_date    8:50   52.04  n/a
004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           36.35    1.537 No_date    9:00   42.58  n/a
                   +   05:522            1.95     .617 No_date    8:50   52.04  n/a
     [DT= 2.00]  SUM=  06:525           38.30    1.874 No_date    8:52   43.06  n/a
004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .410 No_date    8:50   56.14 .556
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:230             .81     .123 No_date    8:50   59.65 .590
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
004:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .410 No_date    8:50   56.14  n/a
                   +   02:230             .81     .123 No_date    8:50   59.65  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .533 No_date    8:50   56.96  n/a
004:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.292 No_date   10:58   46.32 .458
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
004:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.534 No_date   10:08   49.88 .494
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
004:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .621 No_date    9:24   48.18 .477
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
004:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .961 No_date   10:00   41.21 .408
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
004:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    2.219 No_date   10:10   42.63 .422
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
004:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .961 No_date   10:00   41.21  n/a
                   +   02:260           71.50    2.219 No_date   10:10   42.63  n/a
     [DT= 2.00]  SUM=  03:535          100.90    3.172 No_date   10:06   42.22  n/a
004:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .149 No_date    8:50   50.19 .497
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
004:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .109 No_date    9:04   37.29 .369
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
004:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .149 No_date    8:50   50.19  n/a
                   +   02:265            1.50     .109 No_date    9:04   37.29  n/a
                   +   03:535          100.90    3.172 No_date   10:06   42.22  n/a
     [DT= 2.00]  SUM=  04:540          103.96    3.231 No_date   10:06   42.27  n/a
004:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .898 No_date    9:32   43.74 .433
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
004:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .069 No_date    8:50   56.44 .558
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
004:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .898 No_date    9:32   43.74  n/a
                   +   02:275             .40     .069 No_date    8:50   56.44  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .909 No_date    9:32   44.01  n/a
 ** END OF RUN :   4

********************************************************************************




 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 005:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 113.04]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .412 No_date    9:46   42.06 .372
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.466 No_date    9:22   52.32 .463
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.466 No_date    9:22   52.32  n/a
       Major System /   04:220-1          4.36     .822 No_date    9:22   52.32  n/a
       Minor System \   05:220-2         16.64     .644 No_date    8:56   52.32  n/a
 005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .412 No_date    9:46   42.06  n/a
                    +   05:220-2         16.64     .644 No_date    8:56   52.32  n/a
      [DT= 2.00]  SUM=  03:515           27.24    1.056 No_date    9:46   48.33  n/a
 005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .674 No_date    8:52   61.11 .541
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .674 No_date    8:52   61.11  n/a
                    +   03:515           27.24    1.056 No_date    9:46   48.33  n/a
      [DT= 2.00]  SUM=  02:520           31.94    1.340 No_date    9:00   50.21  n/a
 005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .409 No_date    8:56   57.52 .509
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           31.94    1.340 No_date    9:00   50.21  n/a
                    +   03:205            3.21     .409 No_date    8:56   57.52  n/a
      [DT= 2.00]  SUM=  04:521           35.15    1.736 No_date    8:56   50.88  n/a
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005:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00    1.440 No_date    8:50   63.38 .561
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
005:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.440 No_date    8:50   63.38  n/a
       Major System /  02:200-01          .61     .610 No_date    8:50   63.38  n/a
       Minor System \  03:200-02         8.39     .830 No_date    8:44   63.38  n/a
005:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .244 No_date    8:52   59.68 .528
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
005:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .244 No_date    8:52   59.68  n/a
                   +   02:200-01          .61     .610 No_date    8:50   63.38  n/a
     [DT= 2.00]  SUM=  05:522            2.21     .840 No_date    8:50   60.70  n/a
005:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           35.15    1.736 No_date    8:56   50.88  n/a
                   +   05:522            2.21     .840 No_date    8:50   60.70  n/a
     [DT= 2.00]  SUM=  06:525           37.36    2.393 No_date    8:52   51.46  n/a
005:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .471 No_date    8:50   64.97 .575
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
005:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:230             .81     .143 No_date    8:50   69.56 .615
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
005:0018---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .471 No_date    8:50   64.97  n/a
                   +   02:230             .81     .143 No_date    8:50   69.56  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .615 No_date    8:50   66.04  n/a
005:0019---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.563 No_date   10:56   55.36 .490
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
005:0020---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.848 No_date   10:06   59.36 .525
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
005:0021---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .750 No_date    9:24   57.50 .509
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
005:0022---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    1.174 No_date   10:00   49.63 .439
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
005:0023---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    2.701 No_date   10:08   51.22 .453
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
005:0024---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    1.174 No_date   10:00   49.63  n/a
                   +   02:260           71.50    2.701 No_date   10:08   51.22  n/a
     [DT= 2.00]  SUM=  03:535          100.90    3.864 No_date   10:06   50.76  n/a
005:0025---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .170 No_date    8:50   58.75 .520
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
005:0026---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .134 No_date    9:04   45.22 .400
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
005:0027---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .170 No_date    8:50   58.75  n/a
                   +   02:265            1.50     .134 No_date    9:04   45.22  n/a
                   +   03:535          100.90    3.864 No_date   10:06   50.76  n/a
     [DT= 2.00]  SUM=  04:540          103.96    3.933 No_date   10:04   50.80  n/a
005:0028---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30    1.091 No_date    9:32   52.47 .464
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
005:0029---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .080 No_date    8:50   65.67 .581
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
005:0030---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30    1.091 No_date    9:32   52.47  n/a
                   +   02:275             .40     .080 No_date    8:50   65.67  n/a
     [DT= 2.00]  SUM=  06:545           18.70    1.104 No_date    9:32   52.76  n/a
 ** END OF RUN :   5

********************************************************************************



 RUN:COMMAND#
 006:0001---------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   6 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 006:0002---------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT= 122.05]
 006:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .480 No_date    9:46   47.96 .393
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
 006:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00    1.692 No_date    9:22   59.12 .484
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
 006:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00    1.692 No_date    9:22   59.12  n/a
       Major System /  04:220-1          5.26    1.048 No_date    9:22   59.12  n/a
       Minor System \  05:220-2         15.74     .644 No_date    8:54   59.12  n/a
 006:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .480 No_date    9:46   47.96  n/a
                   +   05:220-2         15.74     .644 No_date    8:54   59.12  n/a
     [DT= 2.00]  SUM=  03:515           26.34    1.124 No_date    9:46   54.63  n/a
 006:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .768 No_date    8:52   67.95 .557
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 006:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .768 No_date    8:52   67.95  n/a
                   +   03:515           26.34    1.124 No_date    9:46   54.63  n/a
     [DT= 2.00]  SUM=  02:520           31.04    1.449 No_date    9:00   56.64  n/a
 006:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .469 No_date    8:56   63.97 .524
     [XIMP=.25:TIMP=.25]
```

```
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
006:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           31.04    1.449 No_date    9:00   56.64  n/a
                   +   03:205            3.21     .469 No_date    8:56   63.97  n/a
     [DT= 2.00]  SUM=  04:521           34.25    1.901 No_date    8:54   57.33  n/a
006:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00    1.646 No_date    8:50   70.07 .574
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
006:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.646 No_date    8:50   70.07  n/a
       Major System /  02:200-01          .88     .816 No_date    8:50   70.07  n/a
       Minor System \  03:200-02         8.12     .830 No_date    8:44   70.07  n/a
006:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .276 No_date    8:52   66.03 .541
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
006:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .276 No_date    8:52   66.03  n/a
                   +   02:200-01          .88     .816 No_date    8:50   70.07  n/a
     [DT= 2.00]  SUM=  05:522           2.48    1.076 No_date    8:50   67.46  n/a
006:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           34.25    1.901 No_date    8:54   57.33  n/a
                   +   05:522            2.48    1.076 No_date    8:50   67.46  n/a
     [DT= 2.00]  SUM=  06:525           36.73    2.873 No_date    8:52   58.01  n/a
006:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .527 No_date    8:50   71.77 .588
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
006:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:230             .81     .164 No_date    8:50   77.16 .632
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
006:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .527 No_date    8:50   71.77  n/a
                   +   02:230             .81     .164 No_date    8:50   77.16  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .691 No_date    8:50   73.04  n/a
006:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.786 No_date   10:56   62.38 .511
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
006:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    2.111 No_date   10:06   66.69 .546
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
006:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .861 No_date    9:24   64.71 .530
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
006:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    1.354 No_date    9:58   56.20 .461
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
006:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    3.108 No_date   10:08   57.91 .474
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
006:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    1.354 No_date    9:58   56.20  n/a
                   +   02:260           71.50    3.108 No_date   10:08   57.91  n/a
     [DT= 2.00]  SUM=  03:535          100.90    4.449 No_date   10:06   57.41  n/a
006:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .191 No_date    8:50   65.38 .536
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
006:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .156 No_date    9:04   51.44 .421
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
006:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .191 No_date    8:50   65.38  n/a
                   +   02:265            1.50     .156 No_date    9:04   51.44  n/a
                   +   03:535          100.90    4.449 No_date   10:06   57.41  n/a
     [DT= 2.00]  SUM=  04:540          103.96    4.526 No_date   10:04   57.45  n/a
006:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30    1.257 No_date    9:32   59.27 .486
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
006:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .092 No_date    8:50   72.78 .596
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
006:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30    1.257 No_date    9:32   59.27  n/a
                   +   02:275             .40     .092 No_date    8:50   72.78  n/a
     [DT= 2.00]  SUM=  06:545           18.70    1.272 No_date    9:30   59.56  n/a
006:0002--------------------------------------------------------------------------------
     FINISH
-------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------

   Simulation ended on 2016-02-17     at 13:20:13
================================================================================
```

```
================================================================================
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO            9      9   =========
                                                          9   9  9   9   # 4313781
        StormWater Management HYdrologic Model            999    999    =========

 ********************************************************************************
 **************************** SWMHYMO Ver/4.05  *********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****-------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.).  *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-17     TIME: 13:20:18     RUN COUNTER: 000565          *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_24S.dat                       *
 * Output  filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_24S.out                       *
 * Summary filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_24S.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                 Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 RUN:COMMAND#
```

```
001:0001-------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   1 ]
001:0002-------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT=  58.01]
001:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .115 No_date   12:48   11.99 .207
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
001:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00     .450 No_date   12:24   16.27 .281
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
001:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00     .450 No_date   12:24   16.27  n/a
      Major System /   04:220-1           .00     .000 No_date    0:00     .00  n/a
      Minor System \   05:220-2         21.00     .450 No_date   12:24   16.27  n/a
001:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .115 No_date   12:48   11.99  n/a
                     + 05:220-2         21.00     .450 No_date   12:24   16.27  n/a
     [DT= 2.00]  SUM=  03:515           31.60     .546 No_date   12:28   14.84  n/a
001:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .251 No_date   12:00   23.69 .408
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
001:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .251 No_date   12:00   23.69  n/a
                     + 03:515           31.60     .546 No_date   12:28   14.84  n/a
     [DT= 2.00]  SUM=  02:520           36.30     .639 No_date   12:24   15.98  n/a
001:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .143 No_date   12:04   22.52 .388
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
001:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           36.30     .639 No_date   12:24   15.98  n/a
                     + 03:205            3.21     .143 No_date   12:04   22.52  n/a
     [DT= 2.00]  SUM=  04:521           39.51     .721 No_date   12:18   16.51  n/a
001:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00     .577 No_date   12:00   26.34 .454
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
001:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00     .577 No_date   12:00   26.34  n/a
      Major System /   02:200-01          .00     .000 No_date    0:00     .00  n/a
      Minor System \   03:200-02         9.00     .577 No_date   12:00   26.34  n/a
001:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .093 No_date   12:02   24.79 .427
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .093 No_date   12:02   24.79  n/a
                     + 02:200-01          .00     .000 No_date    0:00     .00  n/a
     [DT= 2.00]  SUM=  05:522           1.60     .093 No_date   12:02   24.79  n/a
001:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           39.51     .721 No_date   12:18   16.51  n/a
                     + 05:522            1.60     .093 No_date   12:02   24.79  n/a
     [DT= 2.00]  SUM=  06:525           41.11     .763 No_date   12:18   16.84  n/a
001:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .189 No_date   12:00   27.19 .469
     [XIMP=.35:TIMP=.35]
```

```
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
001:0017--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .051 No_date   12:00   26.98 .465
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
001:0018--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .189 No_date   12:00   27.19  n/a
                     + 02:230             .81     .051 No_date   12:00   26.98  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .240 No_date   12:00   27.14  n/a
001:0019--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90     .481 No_date   13:58   17.71 .305
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
001:0020--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00     .583 No_date   13:08   19.48 .336
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
001:0021--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .236 No_date   12:26   18.49 .319
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
001:0022--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .345 No_date   13:02   15.10 .260
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
001:0023--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50     .807 No_date   13:10   15.86 .273
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
001:0024--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .345 No_date   13:02   15.10  n/a
                     + 02:260           71.50     .807 No_date   13:10   15.86  n/a
     [DT= 2.00]  SUM=  03:535          100.90    1.149 No_date   13:08   15.64  n/a
001:0025--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .069 No_date   12:00   22.68 .391
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
001:0026--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .041 No_date   12:08   13.11 .226
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
001:0027--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .069 No_date   12:00   22.68  n/a
                     + 02:265            1.50     .041 No_date   12:08   13.11  n/a
                     + 03:535          100.90    1.149 No_date   13:08   15.64  n/a
     [DT= 2.00]  SUM=  04:540          103.96    1.172 No_date   13:06   15.71  n/a
001:0028--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .333 No_date   12:34   16.38 .282
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0029--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:275             .40     .030 No_date   12:00   26.26 .453
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
001:0030--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .333 No_date   12:34   16.38  n/a
                     + 02:275             .40     .030 No_date   12:00   26.26  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .338 No_date   12:34   16.59  n/a
  ** END OF RUN :   1

********************************************************************************
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 RUN:COMMAND#
 002:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   2 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]                Project Number: [3214006]
 #  Date        : January 2016
 #  Modeller    : [LS/MB]
 #  Company     : MMM Group
 #  License #   : 4313781
 002:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  73.98]
 002:0003--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .190 No_date   12:46   19.44 .263
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 002:0004--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00     .720 No_date   12:24   25.51 .345
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 002:0005--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00     .720 No_date   12:24   25.51  n/a
       Major System /   04:220-1           .00     .000 No_date    0:00     .00  n/a
       Minor System \   05:220-2         21.00     .720 No_date   12:24   25.51  n/a
 002:0006--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .190 No_date   12:46   19.44  n/a
                      + 05:220-2         21.00     .720 No_date   12:24   25.51  n/a
      [DT= 2.00]  SUM=  03:515           31.60     .880 No_date   12:26   23.48  n/a
 002:0007--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .360 No_date   12:00   33.60 .454
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 002:0008--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .360 No_date   12:00   33.60  n/a
                      + 03:515           31.60     .880 No_date   12:26   23.48  n/a
      [DT= 2.00]  SUM=  02:520           36.30    1.019 No_date   12:24   24.79  n/a
 002:0009--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .214 No_date   12:04   31.74 .429
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 002:0010--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           36.30    1.019 No_date   12:24   24.79  n/a
                      + 03:205            3.21     .214 No_date   12:04   31.74  n/a
      [DT= 2.00]  SUM=  04:521           39.51    1.140 No_date   12:16   25.35  n/a
 002:0011--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00     .809 No_date   12:00   36.27 .490
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 002:0012--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00     .809 No_date   12:00   36.27  n/a
       Major System /   02:200-01          .00     .000 No_date    0:00     .00  n/a
       Minor System \   03:200-02         9.00     .809 No_date   12:00   36.27  n/a
 002:0013--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .132 No_date   12:02   34.11 .461
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
 002:0014--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .132 No_date   12:02   34.11  n/a
                      + 02:200-01          .00     .000 No_date    0:00     .00  n/a
      [DT= 2.00]  SUM=  05:522           1.60     .132 No_date   12:02   34.11  n/a
```

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002:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           39.51    1.140 No_date   12:16   25.35  n/a
                   +   05:522            1.60     .132 No_date   12:02   34.11  n/a
     [DT= 2.00]  SUM=  06:525           41.11    1.203 No_date   12:16   25.69  n/a
002:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .260 No_date   12:00   37.36 .505
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
002:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .076 No_date   12:00   38.44 .520
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
002:0018---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .260 No_date   12:00   37.36  n/a
                   +   02:230             .81     .076 No_date   12:00   38.44  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .336 No_date   12:00   37.61  n/a
002:0019---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90     .759 No_date   13:56   27.45 .371
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
002:0020---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00     .912 No_date   13:08   29.93 .405
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
002:0021---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .373 No_date   12:26   28.65 .387
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
002:0022---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .557 No_date   13:00   23.88 .323
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
002:0023---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    1.290 No_date   13:10   24.89 .336
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
002:0024---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .557 No_date   13:00   23.88  n/a
                   +   02:260           71.50    1.290 No_date   13:10   24.89  n/a
     [DT= 2.00]  SUM=  03:535          100.90    1.842 No_date   13:06   24.60  n/a
002:0025---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .094 No_date   12:00   32.19 .435
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
002:0026---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .068 No_date   12:08   21.15 .286
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
002:0027---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .094 No_date   12:00   32.19  n/a
                   +   02:265            1.50     .068 No_date   12:08   21.15  n/a
                   +   03:535          100.90    1.842 No_date   13:06   24.60  n/a
     [DT= 2.00]  SUM=  04:540          103.96    1.878 No_date   13:06   24.66  n/a
002:0028---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .531 No_date   12:34   25.64 .347
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
002:0029---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .044 No_date   12:00   36.81 .498
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
002:0030---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .531 No_date   12:34   25.64  n/a
                   +   02:275             .40     .044 No_date   12:00   36.81  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .538 No_date   12:32   25.88  n/a
 ** END OF RUN :   2

********************************************************************************


 RUN:COMMAND#
 003:0001---------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
 #*****************************************************************************
 #  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
 #  Date        : January 2016
 #  Modeller    : [LS/MB]
 #  Company     : MMM Group
 #  License #   : 4313781
 003:0002---------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  86.02]
 003:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .256 No_date   12:46   25.82 .300
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 003:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00     .947 No_date   12:24   33.24 .386
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 003:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00     .947 No_date   12:24   33.24  n/a
        Major System /  04:220-1          1.05     .227 No_date   12:24   33.24  n/a
        Minor System \  05:220-2         19.95     .720 No_date   12:08   33.24  n/a
 003:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .256 No_date   12:46   25.82  n/a
                    +   05:220-2         19.95     .720 No_date   12:08   33.24  n/a
      [DT= 2.00]  SUM=  03:515           30.55     .976 No_date   12:46   30.66  n/a
 003:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .460 No_date   12:00   41.65 .484
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 003:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .460 No_date   12:00   41.65  n/a
                    +   03:515           30.55     .976 No_date   12:46   30.66  n/a
      [DT= 2.00]  SUM=  02:520           35.25    1.146 No_date   12:08   32.13  n/a
 003:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .276 No_date   12:04   39.25 .456
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 003:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           35.25    1.146 No_date   12:08   32.13  n/a
                    +   03:205            3.21     .276 No_date   12:04   39.25  n/a
      [DT= 2.00]  SUM=  04:521           38.46    1.393 No_date   12:08   32.72  n/a
 003:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.006 No_date   12:00   44.25 .514
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 003:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00    1.006 No_date   12:00   44.25  n/a
        Major System /  02:200-01          .14     .196 No_date   12:00   44.25  n/a
        Minor System \  03:200-02         8.86     .810 No_date   11:56   44.25  n/a
 003:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .163 No_date   12:02   41.61 .484
      [XIMP=.33:TIMP=.33]
```

```
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .163 No_date   12:02   41.61  n/a
                   +   02:200-01          .14     .196 No_date   12:00   44.25  n/a
     [DT= 2.00]  SUM=  05:522            1.74     .358 No_date   12:00   41.82  n/a
003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           38.46    1.393 No_date   12:08   32.72  n/a
                   +   05:522            1.74     .358 No_date   12:00   41.82  n/a
     [DT= 2.00]  SUM=  06:525           40.20    1.596 No_date   12:02   33.12  n/a
003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .317 No_date   12:00   45.49 .529
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .100 No_date   12:00   47.64 .554
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
003:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .317 No_date   12:00   45.49  n/a
                   +   02:230             .81     .100 No_date   12:00   47.64  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .417 No_date   12:00   46.00  n/a
003:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90     .991 No_date   13:54   35.53 .413
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
003:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.183 No_date   13:06   38.51 .448
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
003:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .487 No_date   12:26   37.04 .431
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
003:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .737 No_date   13:00   31.26 .363
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
003:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    1.699 No_date   13:08   32.46 .377
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
003:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .737 No_date   13:00   31.26  n/a
                   +   02:260           71.50    1.699 No_date   13:08   32.46  n/a
     [DT= 2.00]  SUM=  03:535          100.90    2.429 No_date   13:06   32.11  n/a
003:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .114 No_date   12:00   39.94 .464
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
003:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .092 No_date   12:08   27.98 .325
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
003:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .114 No_date   12:00   39.94  n/a
                   +   02:265            1.50     .092 No_date   12:08   27.98  n/a
                   +   03:535          100.90    2.429 No_date   13:06   32.11  n/a
     [DT= 2.00]  SUM=  04:540          103.96    2.474 No_date   13:04   32.17  n/a
003:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .698 No_date   12:34   33.37 .388
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
003:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .055 No_date   12:00   45.30 .527
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
003:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .698 No_date   12:34   33.37  n/a
                   +   02:275             .40     .055 No_date   12:00   45.30  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .706 No_date   12:32   33.62  n/a
 ** END OF RUN :   3

********************************************************************************




 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
 #  Date        : January 2016
 #  Modeller    : [LS/MB]
 #  Company     : MMM Group
 #  License #   : 4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 101.00]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .346 No_date   12:46   34.54 .342
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.252 No_date   12:24   43.56 .431
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.252 No_date   12:24   43.56  n/a
        Major System /  04:220-1          2.61     .532 No_date   12:24   43.56  n/a
        Minor System \  05:220-2         18.39     .720 No_date   12:04   43.56  n/a
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .346 No_date   12:46   34.54  n/a
                    +   05:220-2         18.39     .720 No_date   12:04   43.56  n/a
      [DT= 2.00]  SUM=  03:515           28.99    1.066 No_date   12:46   40.26  n/a
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .601 No_date   12:00   52.22 .517
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .601 No_date   12:00   52.22  n/a
                    +   03:515           28.99    1.066 No_date   12:46   40.26  n/a
      [DT= 2.00]  SUM=  02:520           33.69    1.388 No_date   12:02   41.93  n/a
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .365 No_date   12:04   49.16 .487
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           33.69    1.388 No_date   12:02   41.93  n/a
                    +   03:205            3.21     .365 No_date   12:04   49.16  n/a
      [DT= 2.00]  SUM=  04:521           36.90    1.748 No_date   12:02   42.56  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.261 No_date   12:00   54.66 .541
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
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004:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.261 No_date   12:00   54.66  n/a
       Major System /  02:200-01          .39     .451 No_date   12:00   54.66  n/a
       Minor System \  03:200-02         8.61     .810 No_date   11:54   54.66  n/a
004:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .208 No_date   12:02   51.44 .509
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
004:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .208 No_date   12:02   51.44  n/a
                   +   02:200-01          .39     .451 No_date   12:00   54.66  n/a
     [DT= 2.00]  SUM=  05:522            1.99     .657 No_date   12:00   52.06  n/a
004:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           36.90    1.748 No_date   12:02   42.56  n/a
                   +   05:522            1.99     .657 No_date   12:00   52.06  n/a
     [DT= 2.00]  SUM=  06:525           38.89    2.322 No_date   12:02   43.04  n/a
004:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .396 No_date   12:00   56.11 .556
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
004:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .135 No_date   12:00   59.61 .590
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
004:0018---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .396 No_date   12:00   56.11  n/a
                   +   02:230             .81     .135 No_date   12:00   59.61  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .531 No_date   12:00   56.93  n/a
004:0019---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.300 No_date   13:54   46.28 .458
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
004:0020---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.543 No_date   13:06   49.84 .493
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
004:0021---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .638 No_date   12:26   48.14 .477
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
004:0022---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .979 No_date   12:58   41.17 .408
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
004:0023---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    2.249 No_date   13:08   42.60 .422
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
004:0024---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .979 No_date   12:58   41.17  n/a
                   +   02:260           71.50    2.249 No_date   13:08   42.60  n/a
     [DT= 2.00]  SUM=  03:535          100.90    3.220 No_date   13:04   42.18  n/a
004:0025---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .143 No_date   12:00   50.15 .497
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
004:0026---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .123 No_date   12:08   37.25 .369
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
004:0027---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .143 No_date   12:00   50.15  n/a
                   +   02:265            1.50     .123 No_date   12:08   37.25  n/a
                   +   03:535          100.90    3.220 No_date   13:04   42.18  n/a
     [DT= 2.00]  SUM=  04:540          103.96    3.276 No_date   13:04   42.23  n/a
004:0028---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30     .922 No_date   12:32   43.70 .433
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
004:0029---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .071 No_date   12:00   56.40 .558
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
004:0030---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30     .922 No_date   12:32   43.70  n/a
                   +   02:275             .40     .071 No_date   12:00   56.40  n/a
     [DT= 2.00]  SUM=  06:545           18.70     .932 No_date   12:32   43.97  n/a
 ** END OF RUN :   4

********************************************************************************




 RUN:COMMAND#
 005:0001---------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   5 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 005:0002---------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT= 113.01]
 005:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .424 No_date   12:44   42.04 .372
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
 005:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00    1.511 No_date   12:24   52.30 .463
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
 005:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00    1.511 No_date   12:24   52.30  n/a
       Major System /  04:220-1          3.68     .791 No_date   12:24   52.30  n/a
       Minor System \  05:220-2         17.32     .720 No_date   12:00   52.30  n/a
 005:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .424 No_date   12:44   42.04  n/a
                   +   05:220-2         17.32     .720 No_date   12:00   52.30  n/a
     [DT= 2.00]  SUM=  03:515           27.92    1.144 No_date   12:44   48.40  n/a
 005:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .739 No_date   12:00   61.08 .541
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 005:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .739 No_date   12:00   61.08  n/a
                   +   03:515           27.92    1.144 No_date   12:44   48.40  n/a
     [DT= 2.00]  SUM=  02:520           32.62    1.584 No_date   12:00   50.23  n/a
 005:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .434 No_date   12:04   57.49 .509
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 005:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           32.62    1.584 No_date   12:00   50.23  n/a
                   +   03:205            3.21     .434 No_date   12:04   57.49  n/a
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     [DT= 2.00]  SUM=  04:521           35.83    2.011 No_date   12:02   50.88  n/a
005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00    1.462 No_date   12:00   63.35 .561
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.462 No_date   12:00   63.35  n/a
       Major System /  02:200-01         .58     .652 No_date   12:00   63.35  n/a
       Minor System \  03:200-02        8.42     .810 No_date   11:52   63.35  n/a
005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .251 No_date   12:02   59.66 .528
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .251 No_date   12:02   59.66  n/a
                  +  02:200-01          .58     .652 No_date   12:00   63.35  n/a
     [DT= 2.00]  SUM=  05:522           2.18     .899 No_date   12:00   60.64  n/a
005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           35.83    2.011 No_date   12:02   50.88  n/a
                  +  05:522           2.18     .899 No_date   12:00   60.64  n/a
     [DT= 2.00]  SUM=  06:525           38.01    2.886 No_date   12:00   51.44  n/a
005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:225            2.65     .470 No_date   12:00   64.94 .575
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .160 No_date   12:00   69.53 .615
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
005:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .470 No_date   12:00   64.94  n/a
                  +  02:230             .81     .160 No_date   12:00   69.53  n/a
     [DT= 2.00]  SUM=  03:530           3.46     .630 No_date   12:00   66.02  n/a
005:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    1.562 No_date   13:52   55.33 .490
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
005:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    1.845 No_date   13:06   59.34 .525
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
005:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00     .765 No_date   12:26   57.47 .509
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
005:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    1.187 No_date   12:58   49.61 .439
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
005:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    2.718 No_date   13:08   51.20 .453
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
005:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    1.187 No_date   12:58   49.61  n/a
                  +  02:260           71.50    2.718 No_date   13:08   51.20  n/a
     [DT= 2.00]  SUM=  03:535          100.90    3.894 No_date   13:04   50.73  n/a
005:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .168 No_date   12:00   58.72 .520
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
005:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .150 No_date   12:08   45.20 .400
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
005:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .168 No_date   12:00   58.72  n/a
                  +  02:265            1.50     .150 No_date   12:08   45.20  n/a
                  +  03:535          100.90    3.894 No_date   13:04   50.73  n/a
     [DT= 2.00]  SUM=  04:540          103.96    3.959 No_date   13:02   50.77  n/a
005:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30    1.113 No_date   12:32   52.45 .464
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
005:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .084 No_date   12:00   65.64 .581
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
005:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30    1.113 No_date   12:32   52.45  n/a
                  +  02:275             .40     .084 No_date   12:00   65.64  n/a
     [DT= 2.00]  SUM=  06:545           18.70    1.124 No_date   12:32   52.73  n/a
 ** END OF RUN :   5

********************************************************************************




 RUN:COMMAND#
 006:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   6 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 006:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT= 122.00]
 006:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .485 No_date   12:44   47.92 .393
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 006:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.713 No_date   12:22   59.07 .484
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 006:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.713 No_date   12:22   59.07  n/a
        Major System /  04:220-1          4.39     .993 No_date   12:22   59.07  n/a
        Minor System \  05:220-2         16.61     .720 No_date   12:00   59.07  n/a
 006:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .485 No_date   12:44   47.92  n/a
                   +  05:220-2         16.61     .720 No_date   12:00   59.07  n/a
      [DT= 2.00]  SUM=  03:515           27.21    1.205 No_date   12:44   54.73  n/a
 006:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .828 No_date   12:00   67.91 .557
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 006:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .828 No_date   12:00   67.91  n/a
                   +  03:515           27.21    1.205 No_date   12:44   54.73  n/a
      [DT= 2.00]  SUM=  02:520           31.91    1.695 No_date   12:02   56.67  n/a
 006:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .488 No_date   12:04   63.93 .524
```

```
     [XIMP=.25:TIMP=.25]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
006:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           02:520           31.91    1.695 No_date   12:02   56.67  n/a
                  +   03:205            3.21     .488 No_date   12:04   63.93  n/a
     [DT= 2.00]  SUM=  04:521           35.12    2.175 No_date   12:02   57.33  n/a
006:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:200-0          9.00    1.657 No_date   12:00   70.03 .574
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
006:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD   01:200-0          9.00    1.657 No_date   12:00   70.03  n/a
       Major System /  02:200-01         .80     .847 No_date   12:00   70.03  n/a
       Minor System \  03:200-02        8.20     .810 No_date   11:48   70.03  n/a
006:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:200-1          1.60     .279 No_date   12:02   65.99 .541
     [XIMP=.33:TIMP=.33]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
006:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:200-1          1.60     .279 No_date   12:02   65.99  n/a
                  +   02:200-01          .80     .847 No_date   12:00   70.03  n/a
     [DT= 2.00]  SUM=  05:522           2.40    1.122 No_date   12:00   67.33  n/a
006:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           04:521           35.12    2.175 No_date   12:02   57.33  n/a
                  +   05:522            2.40    1.122 No_date   12:00   67.33  n/a
     [DT= 2.00]  SUM=  06:525           37.52    3.268 No_date   12:00   57.97  n/a
006:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:225            2.65     .519 No_date   12:00   71.73 .588
     [XIMP=.35:TIMP=.35]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
006:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    02:230             .81     .179 No_date   12:00   77.12 .632
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
006:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:225            2.65     .519 No_date   12:00   71.73  n/a
                  +   02:230             .81     .179 No_date   12:00   77.12  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .698 No_date   12:00   72.99  n/a
006:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:235           53.90    1.765 No_date   13:52   62.33 .511
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
006:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      02:240           41.00    2.078 No_date   13:06   66.64 .546
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
006:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:245           10.00     .864 No_date   12:24   64.67 .530
     [CN= 74.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
006:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:255           29.40    1.349 No_date   12:58   56.16 .460
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
006:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      02:260           71.50    3.083 No_date   13:06   57.87 .474
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
006:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:255           29.40    1.349 No_date   12:58   56.16  n/a
                  +   02:260           71.50    3.083 No_date   13:06   57.87  n/a
     [DT= 2.00]  SUM=  03:535          100.90    4.419 No_date   13:04   57.37  n/a
006:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:250            1.56     .188 No_date   12:00   65.34 .536
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 62.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
006:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      02:265            1.50     .172 No_date   12:08   51.40 .421
     [CN= 65.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
006:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:250            1.56     .188 No_date   12:00   65.34  n/a
                  +   02:265            1.50     .172 No_date   12:08   51.40  n/a
                  +   03:535          100.90    4.419 No_date   13:04   57.37  n/a
     [DT= 2.00]  SUM=  04:540          103.96    4.491 No_date   13:02   57.41  n/a
006:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:270           18.30    1.261 No_date   12:32   59.23 .485
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
006:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD    02:275             .40     .094 No_date   12:00   72.74 .596
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 66.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
006:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:270           18.30    1.261 No_date   12:32   59.23  n/a
                  +   02:275             .40     .094 No_date   12:00   72.74  n/a
     [DT= 2.00]  SUM=  06:545          18.70    1.274 No_date   12:32   59.52  n/a
006:0002--------------------------------------------------------------------------------
     FINISH
-------------------------------------------------------------------------------------
*************************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------

   Simulation ended on 2016-02-17     at 13:20:20
=====================================================================================
```

```
================================================================================
   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 ***************************** SWMHYMO Ver/4.05  ********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

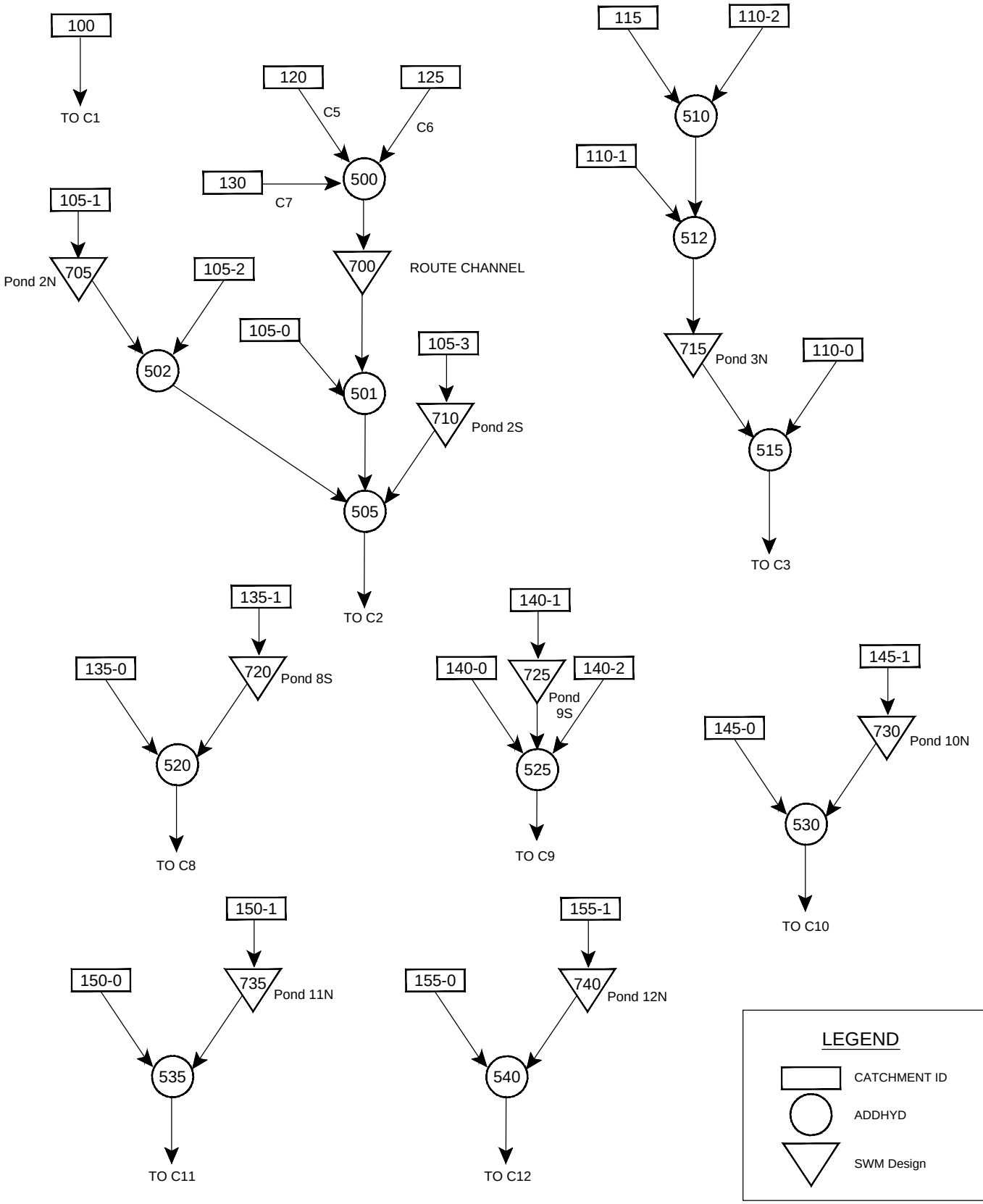
 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-17     TIME: 13:20:25     RUN COUNTER: 000566         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_Haz.dat                       *
 * Output  filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_Haz.out                       *
 * Summary filename: C:\SWMHYMO\TRAFALGR\ExC\CV_E_Haz.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                 Project Number: [3214006]
#  Date        : January 2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 RUN:COMMAND#
 001:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT= 212.00]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60    1.091 No_date   10:56  152.90 .721
      [CN= 79.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    2.584 No_date   10:16  168.22 .793
      [CN= 85.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    2.584 No_date   10:16  168.22  n/a
       Major System /   04:220-1          8.09    1.864 No_date   10:16  168.22  n/a
       Minor System \   05:220-2         12.91     .720 No_date    6:26  168.22  n/a
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60    1.091 No_date   10:56  152.90  n/a
                      + 05:220-2         12.91     .720 No_date    6:26  168.22  n/a
      [DT= 2.00]  SUM=  03:515           23.51    1.811 No_date   10:56  161.31  n/a
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .629 No_date   10:00  171.14 .807
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 80.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .629 No_date   10:00  171.14  n/a
                      + 03:515           23.51    1.811 No_date   10:56  161.31  n/a
      [DT= 2.00]  SUM=  02:520           28.21    2.288 No_date   10:52  162.95  n/a
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .411 No_date   10:02  164.58 .776
      [XIMP=.25:TIMP=.25]
      [LOSS= 2 :CN= 77.0]
      [Pervious     area: IAper= 7.20:SLPP=2.00:LGP=  15.:MNP=.320:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           28.21    2.288 No_date   10:52  162.95  n/a
                      + 03:205            3.21     .411 No_date   10:02  164.58  n/a
      [DT= 2.00]  SUM=  04:521           31.42    2.627 No_date   10:12  163.11  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.168 No_date   10:00  168.35 .794
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 75.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00    1.168 No_date   10:00  168.35  n/a
       Major System /   02:200-01          .72     .358 No_date   10:00  168.35  n/a
       Minor System \   03:200-02         8.28     .810 No_date    9:20  168.35  n/a
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .205 No_date   10:00  162.94 .769
      [XIMP=.33:TIMP=.33]
      [LOSS= 2 :CN= 73.0]
      [Pervious     area: IAper= 7.90:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .205 No_date   10:00  162.94  n/a
                      + 02:200-01          .72     .358 No_date   10:00  168.35  n/a
      [DT= 2.00]  SUM=  05:522           2.32     .562 No_date   10:00  164.62  n/a
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521           31.42    2.627 No_date   10:12  163.11  n/a
                      + 05:522           2.32     .562 No_date   10:00  164.62  n/a
      [DT= 2.00]  SUM=  06:525           33.74    3.156 No_date   10:02  163.22  n/a
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:225            2.65     .350 No_date   10:00  171.12 .807
      [XIMP=.35:TIMP=.35]
      [LOSS= 2 :CN= 77.0]
```

```
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
001:0017--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:230             .81     .114 No_date   10:00  183.57 .866
     [XIMP=.21:TIMP=.21]
     [LOSS= 2 :CN= 88.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  40.:MNP=.280:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
001:0018--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:225            2.65     .350 No_date   10:00  171.12  n/a
                   +   02:230             .81     .114 No_date   10:00  183.57  n/a
     [DT= 2.00]  SUM=  03:530            3.46     .465 No_date   10:00  174.03  n/a
001:0019--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:235           53.90    4.421 No_date   11:50  171.17 .807
     [CN= 86.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
001:0020--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:240           41.00    4.143 No_date   11:14  175.86 .830
     [CN= 88.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
001:0021--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:245           10.00    1.239 No_date   10:18  175.27 .827
     [CN= 88.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
001:0022--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    2.994 No_date   11:10  165.57 .781
     [CN= 84.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
001:0023--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    6.997 No_date   11:16  166.05 .783
     [CN= 84.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
001:0024--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    2.994 No_date   11:10  165.57  n/a
                   +   02:260           71.50    6.997 No_date   11:16  166.05  n/a
     [DT= 2.00]  SUM=  03:535          100.90    9.982 No_date   11:14  165.91  n/a
001:0025--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:250            1.56     .187 No_date   10:00  167.65 .791
     [XIMP=.22:TIMP=.22]
     [LOSS= 2 :CN= 79.0]
     [Pervious     area: IAper= 5.40:SLPP=2.00:LGP= 140.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 102.:MNI=.015:SCI=   .0]
001:0026--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:265            1.50     .201 No_date   10:02  159.64 .753
     [CN= 82.0: N= 3.00]
     [Tp=  .24:DT= 2.00]
001:0027--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:250            1.56     .187 No_date   10:00  167.65  n/a
                   +   02:265            1.50     .201 No_date   10:02  159.64  n/a
                   +   03:535          100.90    9.982 No_date   11:14  165.91  n/a
     [DT= 2.00]  SUM=  04:540          103.96   10.232 No_date   11:12  165.84  n/a
001:0028--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:270           18.30    2.112 No_date   10:28  168.41 .794
     [CN= 85.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0029--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:275             .40     .055 No_date   10:00  175.39 .827
     [XIMP=.28:TIMP=.28]
     [LOSS= 2 :CN= 82.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
001:0030--------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:270           18.30    2.112 No_date   10:28  168.41  n/a
                   +   02:275             .40     .055 No_date   10:00  175.39  n/a
     [DT= 2.00]  SUM=  06:545           18.70    2.153 No_date   10:28  168.56  n/a
001:0031--------------------------------------------------------------------------------
     FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
   Simulation ended on 2016-02-17     at 13:20:26
================================================================================
```

Appendix B

Hydrologic Modelling Summary
Proposed Conditions



MMM GROUP

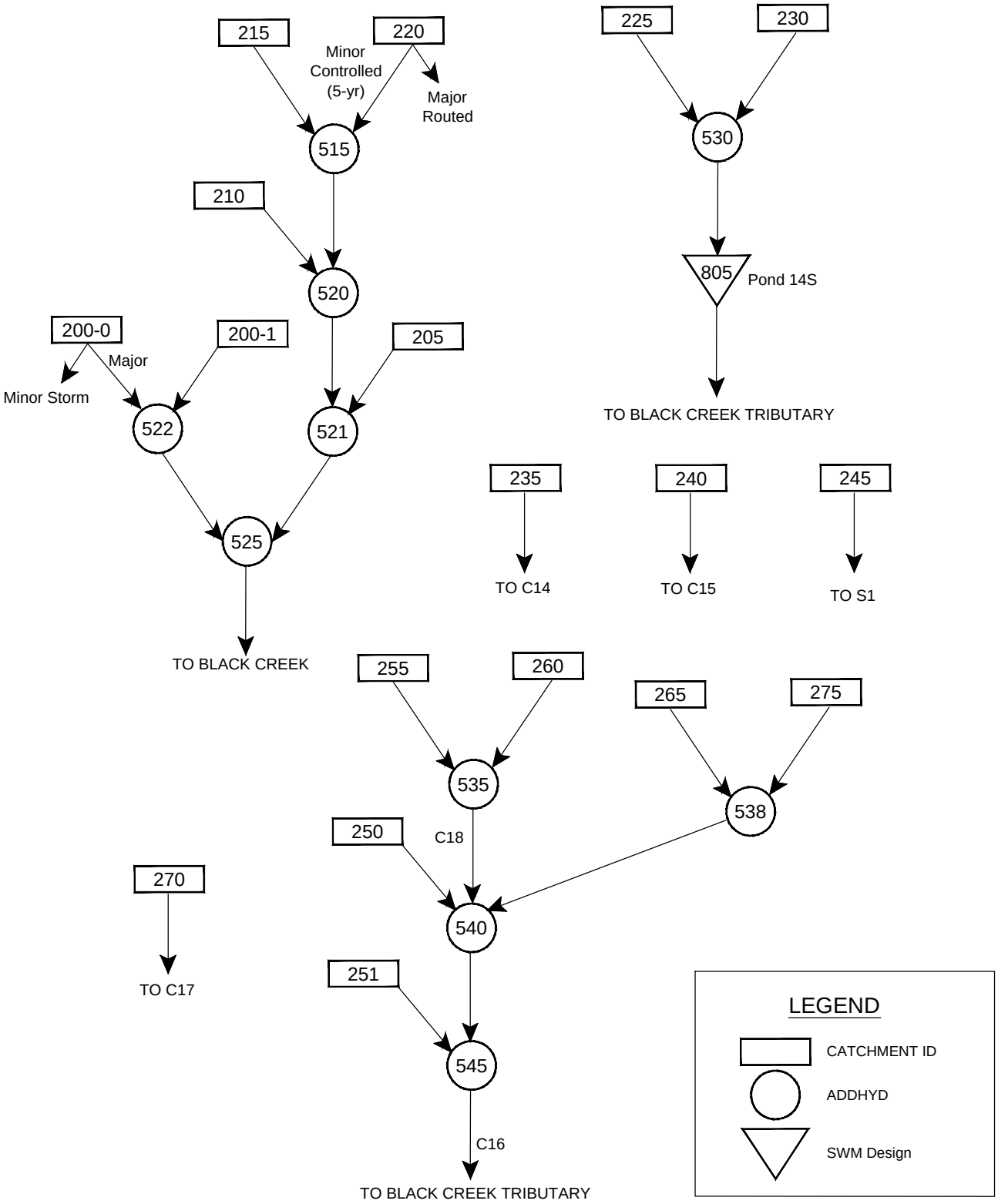
SWMHYMO SCHEMATIC - PROPOSED CONDITIONS

TRAFALGAR ROAD ENVIRONMENTAL ASSESSMENT

APPENDIX

B

Credit Valley Conservation Jurisdiction



MMM GROUP

SWMHYMO SCHEMATIC - PROPOSED CONDITIONS

TRAFALGAR ROAD ENVIRONMENTAL ASSESSMENT

APPENDIX B

Hydrologic Analysis - Proposed Conditions - Controlled with SWM facilities

16Mile Creek Watershed - Conservation Halton Jurisdiction

24-hour SCS Storm Distribution

NHYD	24-hour SCS Storm Distribution						Flow To
	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
100	1.835	2.713	3.410	4.304	5.035	5.589	**C1**
130	0.499	0.762	0.976	1.257	1.491	1.670	**C7**
125	0.487	0.741	0.947	1.216	1.439	1.610	**C6**
120	0.173	0.262	0.335	0.430	0.509	0.569	**C5**
500	1.119	1.706	2.183	2.808	3.327	3.723	
700	0.674	1.025	1.304	1.701	2.039	2.307	
105-0	6.443	9.808	12.524	16.058	18.981	21.211	
501	7.005	10.666	13.622	17.455	20.627	23.042	
105-1	0.455	0.636	0.810	1.000	1.176	1.345	
705	0.066	0.209	0.325	0.644	0.906	1.105	
105-2	0.180	0.250	0.303	0.382	0.448	0.492	
502	0.205	0.281	0.388	0.750	1.053	1.323	
105-3	0.206	0.288	0.358	0.440	0.519	0.572	
710	0.096	0.117	0.131	0.146	0.195	0.242	
505	**7.063**	**10.734**	**13.702**	**17.555**	**20.742**	**23.167**	**C2**
115	0.072	0.101	0.123	0.156	0.182	0.202	
110-2	0.114	0.154	0.186	0.225	0.266	0.291	
510	0.186	0.255	0.309	0.381	0.449	0.493	
110-1	0.182	0.251	0.303	0.377	0.433	0.487	
512	0.369	0.506	0.612	0.758	0.882	0.980	
715	0.071	0.093	0.126	0.167	0.195	0.218	
110-2	0.114	0.154	0.186	0.225	0.266	0.291	
515	0.244	0.346	0.447	0.572	0.668	0.741	**C3**
135-0	0.185	0.293	0.383	0.503	0.604	0.683	
135-1	0.273	0.371	0.453	0.565	0.650	0.728	
720	0.057	0.066	0.073	0.079	0.085	0.088	
520	0.271	0.420	0.545	0.706	0.858	0.976	**C8**
140-0	0.646	0.999	1.286	1.661	1.972	2.209	
140-1	0.157	0.209	0.251	0.305	0.354	0.390	
725	0.057	0.066	0.073	0.079	0.085	0.088	
140-2	0.115	0.157	0.187	0.226	0.259	0.283	
525	0.716	1.083	1.381	1.768	2.088	2.333	**C9**
145-0	0.843	1.277	1.630	2.090	2.471	2.763	
145-1	0.159	0.219	0.263	0.320	0.365	0.406	
730	0.033	0.037	0.041	0.094	0.137	0.169	
530	0.875	1.314	1.669	2.132	2.521	2.816	**C10**
150-0	1.381	2.120	2.726	3.523	4.189	4.700	
150-1	0.232	0.315	0.381	0.468	0.542	0.595	
735	0.142	0.171	0.192	0.212	0.230	0.239	
535	1.398	2.142	2.751	3.552	4.220	4.733	**C11**
155-0	0.603	0.928	1.195	1.545	1.838	2.062	
155-1	0.183	0.255	0.307	0.383	0.439	0.481	
740	0.038	0.055	0.094	0.164	0.222	0.266	
540	0.639	0.979	1.252	1.604	1.898	2.124	**C12**

NHYD	Hazel
100	9.185
130	2.793
125	2.673
120	0.722
500	6.101
700	5.459
105-0	50.12
501	54.34
105-1	0.866
705	0.862
105-2	0.238
502	1.091
105-3	0.324
710	0.287
505	**54.75**
115	0.114
110-2	0.130
510	0.245
110-1	0.243
512	0.488
715	0.447
110-2	0.130
515	0.982
135-0	1.078
135-1	0.406
720	0.102
520	1.428
140-0	3.253
140-1	0.187
725	0.102
140-2	0.130
525	3.446
145-0	4.785
145-1	0.200
730	0.194
530	4.930
150-0	10.835
150-1	0.300
735	0.232
535	10.982
155-0	3.851
155-1	0.264
740	0.257
540	4.040

3214006 Trafalgar Road EA

Hydrologic Analysis Summary of Flows - Proposed Conditions - Controlled

Black Creek Watershed - Credit Valley Conservation Jurisdiction

NHYD	24-hour SCS Storm Distribution						Flow To
	2-yr	5-yr	10-yr	25-yr	50-yr	100-yr	
215	0.115	0.190	0.256	0.346	0.424	0.485	
220	0.450	0.720	0.947	1.252	1.511	1.713	
220-2	0.450	0.720	0.720	0.720	0.720	0.720	
515	0.546	0.880	0.976	1.066	1.144	1.205	
210	0.251	0.360	0.460	0.601	0.739	0.828	
520	0.639	1.019	1.146	1.388	1.584	1.695	
205	0.347	0.463	0.568	0.688	0.789	0.863	
521	**0.844**	**1.264**	**1.604**	**2.076**	**2.372**	**2.558**	
200-0	0.577	0.809	1.006	1.261	1.462	1.657	
200-01	0.000	0.000	0.196	0.451	0.652	0.847	
200-1	0.191	0.254	0.310	0.373	0.427	0.467	
522	**0.191**	**0.254**	**0.506**	**0.825**	**1.079**	**1.314**	
525	**1.035**	**1.498**	**2.033**	**2.808**	**3.434**	**3.850**	**Black Creek**
225	0.339	0.445	0.527	0.633	0.727	0.792	
230	0.058	0.085	0.109	0.145	0.170	0.190	
530	0.397	0.529	0.636	0.777	0.897	0.982	**Trib. of Black Creek**
805	0.250	0.335	0.403	0.494	0.567	0.652	
235	**0.495**	**0.779**	**1.017**	**1.334**	**1.602**	**1.810**	**C14**
240	**0.573**	**0.896**	**1.163**	**1.517**	**1.814**	**2.042**	**C15**
245	**0.224**	**0.352**	**0.459**	**0.600**	**0.718**	**0.809**	**Storm Sewer**
255	0.345	0.557	0.737	0.979	1.187	1.349	
260	0.807	1.290	1.699	2.249	2.718	3.083	
535	**1.149**	**1.842**	**2.429**	**3.220**	**3.894**	**4.419**	**C18**
265	0.110	0.153	0.189	0.239	0.285	0.316	
275	0.061	0.080	0.096	0.114	0.130	0.143	
538	0.171	0.233	0.285	0.353	0.415	0.459	
250	0.099	0.133	0.159	0.194	0.225	0.247	
540	1.172	1.873	2.466	3.264	3.944	4.474	
251	0.086	0.113	0.137	0.163	0.184	0.200	
545	**1.178**	**1.880**	**2.474**	**3.274**	**3.955**	**4.486**	**C16**
270	**0.333**	**0.531**	**0.698**	**0.922**	**1.113**	**1.261**	**C17**

NHYD	Hazel
215	1.091
220	2.584
220-2	0.720
515	1.811
210	0.629
520	2.288
205	0.447
521	**2.648**
200-0	1.168
200-01	0.358
200-1	0.224
522	**0.582**
525	**3.209**
225	0.370
230	0.115
530	0.484
805	0.466
235	**4.529**
240	**4.072**
245	**1.121**
255	2.99
260	7.00
535	**9.98**
265	0.204
275	0.058
538	0.263
250	0.147
540	10.17
251	0.081
545	**10.202**
270	**2.148**

Summary of Proposed Conditions Hydrologic Modelling Parameters

3214006 - Trafalgar Road EA

Sub-Catchment ID	IUH Class	Drainage Area (ha)	Imperviousness (%)					SCS Curve Number	Initial Abstraction (mm)		Manning's 'n'		Time to Peak (hours)	Number of Linear Reservoirs	Flow Length (m)		Slope (%)		CN AMC III
			Direct	+	Indirect	=	Total		Pervious	Impervious	Pervious	Impervious			Pervious	Impervious	Pervious	Impervious	
100	Nash	89.3	5	+	0	=	5	84	5.0	n/a	n/a	n/a	1.13	3.0	n/a	n/a	n/a	n/a	93.0
105-0	Nash	703	1	+	1	=	2	81	6.4	n/a	n/a	n/a	2.61	3.0	n/a	n/a	n/a	n/a	92.0
105-1	Standard	6.42	54	+	0	=	54	71	5.9	2.0	0.35	0.015	0.00	n/a	20	1,200	2.0	1.0	86.0
105-2	Standard	1.65	52	+	0	=	52	80	5.6	2.0	0.31	0.015	0.00	n/a	20	310	2.0	1.0	91.0
105-3	Standard	2.30	51	+	0	=	51	71	6.1	2.0	0.35	0.015	0.00	n/a	20	460	2.0	1.0	86.0
110-0	Nash	4.04	10	+	0	=	10	86	6.3	n/a	n/a	n/a	0.44	3.0	n/a	n/a	n/a	n/a	94.0
110-1	Standard	1.69	57	+	0	=	57	78	5.8	2.0	0.35	0.015	0.00	n/a	20	370	2.0	1.0	90.0
110-2	Standard	0.90	69	+	0	=	69	78	4.7	2.0	0.35	0.015	0.00	n/a	20	320	2.0	1.0	90.0
115	Standard	0.82	40	+	0	=	40	65	5.7	2.0	0.35	0.015	n/a	n/a	20	140	2.0	1.0	82.0
120	Nash	5.72	11	+	0	=	11	79	5.3	n/a	n/a	n/a	0.51	3.0	n/a	n/a	n/a	n/a	91.0
125	Nash	24.5	4	+	4	=	8	79	5.4	n/a	n/a	n/a	0.90	3.0	n/a	n/a	n/a	n/a	91.0
130	Nash	25.6	6	+	1	=	7	78	5.4	n/a	n/a	n/a	0.88	3.0	n/a	n/a	n/a	n/a	90.0
135-0	Nash	9.2	1	+	0	=	1	73	7.0	n/a	n/a	n/a	0.61	3.0	n/a	n/a	n/a	n/a	87.0
135-1	Standard	2.9	56	+	0	=	56	67	5.2	2.0	0.35	0.015	0.00	n/a	20	500	2.0	1.0	83.0
140-0	Nash	28.0	6	+	0	=	6	79	6.9	n/a	n/a	n/a	0.69	3.0	n/a	n/a	n/a	n/a	91.0
140-1	Standard	1.3	77	+	0	=	77	71	5.1	2.0	0.35	0.015	0.00	n/a	20	560	2.0	1.0	86.0
140-2	Standard	0.90	78	+	0	=	78	71	5.0	2.0	0.35	0.015	0.00	n/a	20	425	2.0	1.0	86.0
145-0	Nash	45.0	2	+	0	=	2	79	5.0	n/a	n/a	n/a	0.99	3.0	n/a	n/a	n/a	n/a	91.0
145-1	Standard	1.40	75	+	0	=	75	71	4.7	2.0	0.35	0.015	0.00	n/a	20	600	2.0	1.0	86.0
150-0	Nash	133.9	1	+	1	=	2	77	5.6	n/a	n/a	n/a	1.92	3.0	n/a	n/a	n/a	n/a	89.0
150-1	Standard	2.1	67	+	0	=	67	71	4.8	2.0	0.35	0.015	0.00	n/a	20	490	2.0	1.0	86.0
155-0	Nash	37.4	4	+	0	=	4	77	5.8	n/a	n/a	n/a	1.06	3.0	n/a	n/a	n/a	n/a	89.0
155-1	Standard	1.9	70	+	0	=	70	63	4.8	2.0	0.35	0.015	0.00	n/a	20	800	2.0	1.0	80.0
200-0	Standard	9.0	34	+	3	=	37	57	7.5	2.0	0.33	0.015	n/a	n/a	40	245	2.0	1.0	75.0
200-1	Standard	1.6	75	+	0	=	75	54	4.7	2.0	0.35	0.015	0.00	n/a	15	460	2.0	1.0	73.0
205	Standard	3.21	76	+	0	=	76	54	4.6	2.0	0.35	0.015	n/a	n/a	15	720	2.0	1.0	73.0
210	Standard	4.70	23	+	5	=	27	63	6.2	2.0	0.29	0.015	n/a	n/a	40	177	2.0	1.0	80.0
215	Nash	10.60	10	+	1	=	11	62	8.4	n/a	n/a	n/a	0.78	3.0	n/a	n/a	n/a	n/a	79.0
220	Nash	21.0	10	+	0	=	10	70	7.0	n/a	n/a	n/a	0.48	3.0	n/a	n/a	n/a	n/a	85.0
225	Standard	2.65	66	+	0	=	66	59	4.9	2.0	0.35	0.015	n/a	n/a	40	133	2.0	1.0	77.0
230	Standard	0.81	26	+	0	=	26	74	5.6	2.0	0.27	0.015	n/a	n/a	40	73	2.0	1.0	88.0
235	Nash	55.2	11	+	0	=	11	72	6.3	n/a	n/a	n/a	1.77	3.0	n/a	n/a	n/a	n/a	86.0
240	Nash	40.3	4	+	1	=	5	75	6.5	n/a	n/a	n/a	1.10	3.0	n/a	n/a	n/a	n/a	88.0
245	Nash	9.0	6	+	0	=	6	75	7.1	n/a	n/a	n/a	0.50	3.0	n/a	n/a	n/a	n/a	88.0
250	Standard	1.12	44	+	0	=	44	54	6.9	2.0	0.36	0.015	n/a	n/a	40	86	2.0	1.0	73.0
251	Standard	0.56	88	+	0	=	88	54	4.4	2.0	0.35	0.015	n/a	n/a	15	260	2.0	1.0	73.0
255	Nash	29.4	4	+	0	=	4	68	7.3	n/a	n/a	n/a	0.98	3.0	n/a	n/a	n/a	n/a	84.0
260	Nash	71.5	1	+	1	=	2	69	6.8	n/a	n/a	n/a	1.11	3.0	n/a	n/a	n/a	n/a	84.0
265	Standard	1.50	34	+	0	=	34	64	6.4	2.0	0.34	0.015	n/a	n/a	40	100	2.0	1.0	81.0
270	Nash	18.3	7	+	0	=	7	70	6.8	n/a	n/a	n/a	0.61	3.0	n/a	n/a	n/a	n/a	85.0
275	Standard	0.40	70	+	0	=	70	74	3.0	2.0	0.31	0.015	n/a	n/a	20	52	2.0	1.0	88.0
Total/Ave		**1,411**	**4**	**+**	**1**	**=**	**5**	**78**	**6.22**										

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 ***************************** SWMHYMO Ver/4.05  ********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                  +++++++++
 +++++++++                Kitchener            SERIAL#:4313781         +++++++++
 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-12     TIME: 09:29:33     RUN COUNTER: 000553          *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\TRAFALGR\PRC\CH_P_Con.dat                       *
 * Output  filename: C:\SWMHYMO\TRAFALGR\PRC\CH_P_Con.out                       *
 * Summary filename: C:\SWMHYMO\TRAFALGR\PRC\CH_P_Con.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]              Project Number: [3214006]
#  Date        : 02-09-2016
#  Modeller    : [LS/MB]
#  Company     :  MMM Group
#  License #   :  4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  58.01]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100            89.30    1.835 No_date   13:08   27.71 .478
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:130            25.60     .499 No_date   12:52   22.27 .384
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:125            24.50     .487 No_date   12:54   23.04 .397
      [CN= 79.0: N= 3.00]
      [Tp=  .90:DT= 2.00]
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:120             5.72     .173 No_date   12:26   23.11 .398
      [CN= 79.0: N= 3.00]
      [Tp=  .51:DT= 2.00]
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:130            25.60     .499 No_date   12:52   22.27  n/a
                      + 02:125            24.50     .487 No_date   12:54   23.04  n/a
                      + 03:120             5.72     .173 No_date   12:26   23.11  n/a
      [DT= 2.00]  SUM=  05:500            55.82    1.119 No_date   12:48   22.69  n/a
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500            55.82    1.119 No_date   12:48   22.69  n/a
      [RDT= 2.00] out<- 01:700            55.82     .674 No_date   13:50   22.69  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .669:Dmax=  .137}
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105-0         703.00    6.443 No_date   14:56   23.95 .413
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700            55.82     .674 No_date   13:50   22.69  n/a
                      + 02:105-0         703.00    6.443 No_date   14:56   23.95  n/a
      [DT= 2.00]  SUM=  03:501           758.82    7.005 No_date   14:48   23.86  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-1           6.42     .455 No_date   12:08   38.26 .660
      [XIMP=.54:TIMP=.54]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     01:105-1           6.42     .455 No_date   12:08   38.26  n/a
      {ST=    .246 ha.m   to control at       .000  (cms)}
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:105-1           6.42     .455 No_date   12:08   38.26  n/a
      [RDT= 2.00] out<- 02:705             6.42     .066 No_date   13:20   38.26  n/a
     {MxStoUsed=.1339E+00}
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:105-2           1.65     .180 No_date   12:02   41.00 .707
      [XIMP=.52:TIMP=.52]
      [LOSS= 2 :CN= 81.0]
      [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:705             6.42     .066 No_date   13:20   38.26  n/a
                      + 04:105-2           1.65     .180 No_date   12:02   41.00  n/a
      [DT= 2.00]  SUM=  05:502             8.07     .205 No_date   12:02   38.82  n/a
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-3           2.30     .206 No_date   12:02   37.04 .639
      [XIMP=.51:TIMP=.51]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

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    COMPUTE VOLUME      01:105-3          2.30     .206 No_date   12:02   37.04  n/a
     {ST=    .085 ha.m   to control at       .000  (cms)}
001:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-3          2.30     .206 No_date   12:02   37.04  n/a
     [RDT= 2.00] out<- 02:710            2.30     .096 No_date   12:16   37.04  n/a
    {MxStoUsed=.1918E-01}
001:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:710          2.30     .096 No_date   12:16   37.04  n/a
                    +   03:501        758.82    7.005 No_date   14:48   23.86  n/a
                    +   05:502          8.07     .205 No_date   12:02   38.82  n/a
     [DT= 2.00]  SUM=   06:505        769.19    7.063 No_date   14:48   24.06  n/a
001:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:115           .82     .072 No_date   12:00   31.08 .536
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
001:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:110-2         .90     .114 No_date   12:00   45.69 .788
     [XIMP=.69:TIMP=.69]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
001:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:115           .82     .072 No_date   12:00   31.08  n/a
                    +   02:110-2         .90     .114 No_date   12:00   45.69  n/a
     [DT= 2.00]  SUM=   03:510          1.72     .186 No_date   12:00   38.73  n/a
001:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:110-1         1.69     .182 No_date   12:00   41.39 .713
     [XIMP=.57:TIMP=.57]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
001:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:110-1         1.69     .182 No_date   12:00   41.39  n/a
                    +   03:510           1.72     .186 No_date   12:00   38.73  n/a
     [DT= 2.00]  SUM=   04:512           3.41     .369 No_date   12:00   40.05  n/a
001:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      04:512          3.41     .369 No_date   12:00   40.05  n/a
     {ST=    .137 ha.m   to control at       .000  (cms)}
001:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:512           3.41     .369 No_date   12:00   40.05  n/a
     [RDT= 2.00] out<- 02:715           3.41     .071 No_date   12:34   40.05  n/a
    {MxStoUsed=.5411E-01}
001:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:110-0         4.04     .174 No_date   12:20   28.73 .495
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
001:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:110-0         4.04     .174 No_date   12:20   28.73  n/a
                    +   02:715           3.41     .071 No_date   12:34   40.05  n/a
     [DT= 2.00]  SUM=   03:515           7.45     .244 No_date   12:20   33.91  n/a
001:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:135-0         9.20     .185 No_date   12:34   17.95 .309
     [CN= 73.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:135-1         2.90     .273 No_date   12:02   38.26 .660
     [XIMP=.56:TIMP=.56]
     [LOSS= 2 :CN= 67.0]
     [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
001:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:135-1         2.90     .273 No_date   12:02   38.26  n/a
     {ST=    .111 ha.m   to control at       .000  (cms)}
001:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1         2.90     .273 No_date   12:02   38.26  n/a
     [RDT= 2.00] out<- 03:720           2.90     .088 No_date   12:24   38.26  n/a
    {MxStoUsed=.3126E-01}
001:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:135-0         9.20     .185 No_date   12:34   17.95  n/a
                    +   03:720           2.90     .088 No_date   12:24   38.26  n/a
     [DT= 2.00]  SUM=   04:520          12.10     .271 No_date   12:34   22.82  n/a
001:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:140-0        28.00     .646 No_date   12:40   22.02 .380
     [CN= 79.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
001:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:140-1         1.30     .157 No_date   12:02   47.23 .814
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
001:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:140-1         1.30     .157 No_date   12:02   47.23  n/a
     {ST=    .061 ha.m   to control at       .000  (cms)}
001:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1         1.30     .157 No_date   12:02   47.23  n/a
     [RDT= 2.00] out<- 03:725           1.30     .057 No_date   12:20   47.23  n/a
    {MxStoUsed=.1706E-01}
001:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:140-2          .90     .115 No_date   12:02   47.63 .821
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
001:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:140-0        28.00     .646 No_date   12:40   22.02  n/a
                    +   03:725           1.30     .057 No_date   12:20   47.23  n/a
                    +   04:140-2          .90     .115 No_date   12:02   47.63  n/a
     [DT= 2.00]  SUM=   05:525          30.20     .716 No_date   12:36   23.87  n/a
001:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:145-0        45.00     .843 No_date   13:00   23.31 .402
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
001:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:145-1         1.40     .159 No_date   12:04   46.53 .802
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
001:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:145-1         1.40     .159 No_date   12:04   46.53  n/a
     {ST=    .065 ha.m   to control at       .000  (cms)}
001:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1         1.40     .159 No_date   12:04   46.53  n/a
     [RDT= 2.00] out<- 03:730           1.40     .033 No_date   12:38   46.53  n/a
    {MxStoUsed=.2424E-01}
001:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:145-0        45.00     .843 No_date   13:00   23.31  n/a
                    +   03:730           1.40     .033 No_date   12:38   46.53  n/a
     [DT= 2.00]  SUM=   04:530          46.40     .875 No_date   13:00   24.01  n/a
001:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:150-0       133.90    1.381 No_date   14:08   21.41 .369
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
001:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:150-1         2.10     .232 No_date   12:02   43.48 .750
     [XIMP=.67:TIMP=.67]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
001:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:150-1         2.10     .232 No_date   12:02   43.48  n/a
     {ST=    .091 ha.m   to control at       .000  (cms)}
001:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:150-1         2.10     .232 No_date   12:02   43.48  n/a
     [RDT= 2.00] out<- 03:735           2.10     .142 No_date   12:10   43.48  n/a
    {MxStoUsed=.1783E-01}
001:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:150-0       133.90    1.381 No_date   14:08   21.41  n/a
                    +   03:735           2.10     .142 No_date   12:10   43.48  n/a
     [DT= 2.00]  SUM=   04:535          136.00    1.398 No_date   14:06   21.75  n/a
001:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:155-0        37.40     .603 No_date   13:06   21.28 .367
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
001:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    CALIB STANDHYD     02:155-1          1.90     .183 No_date   12:04   43.40 .748
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
001:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:155-1          1.90     .183 No_date   12:04   43.40  n/a
     {ST=    .082 ha.m   to control at       .000  (cms)}
001:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:155-1          1.90     .183 No_date   12:04   43.40  n/a
     [RDT= 2.00] out<- 03:740            1.90     .038 No_date   12:44   43.40  n/a
    {MxStoUsed=.3157E-01}
001:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:155-0         37.40     .603 No_date   13:06   21.28  n/a
                     +  03:740           1.90     .038 No_date   12:44   43.40  n/a
     [DT= 2.00]  SUM=  04:540           39.30     .639 No_date   13:04   22.35  n/a
 ** END OF RUN :   1

*******************************************************************************



RUN:COMMAND#
002:0001--------------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   2 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]               Project Number: [3214006]
#  Date        : 02-09-2016
#  Modeller    : [LS/MB]
#  Company     :  MMM Group
#  License #   :  4313781
002:0002--------------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT=  73.98]
002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100           89.30    2.713 No_date   13:08   40.54 .548
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:130           25.60     .762 No_date   12:52   33.54 .453
     [CN= 78.0: N= 3.00]
     [Tp=  .88:DT= 2.00]
002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:125           24.50     .741 No_date   12:52   34.56 .467
     [CN= 79.0: N= 3.00]
     [Tp=  .90:DT= 2.00]
002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:120            5.72     .262 No_date   12:26   34.63 .468
     [CN= 79.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:130           25.60     .762 No_date   12:52   33.54  n/a
                     +  02:125           24.50     .741 No_date   12:52   34.56  n/a
                     +  03:120            5.72     .262 No_date   12:26   34.63  n/a
     [DT= 2.00]  SUM=  05:500           55.82    1.706 No_date   12:46   34.10  n/a
002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:500           55.82    1.706 No_date   12:46   34.10  n/a
     [RDT= 2.00] out<- 01:700           55.82    1.025 No_date   13:50   34.10  n/a
     [L/S/n= 3408./ .690/.030]
     {Vmax=  .687:Dmax=  .180}
002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:105-0        703.00    9.808 No_date   14:52   35.92 .485
     [CN= 81.0: N= 3.00]
     [Tp= 2.61:DT= 2.00]
002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:700           55.82    1.025 No_date   13:50   34.10  n/a
                     +  02:105-0        703.00    9.808 No_date   14:52   35.92  n/a
     [DT= 2.00]  SUM=  03:501          758.82   10.666 No_date   14:46   35.78  n/a
002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:105-1          6.42     .636 No_date   12:08   51.28 .693
     [XIMP=.54:TIMP=.54]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     01:105-1          6.42     .636 No_date   12:08   51.28  n/a
     {ST=    .329 ha.m   to control at       .000  (cms)}
002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-1          6.42     .636 No_date   12:08   51.28  n/a
     [RDT= 2.00] out<- 02:705            6.42     .209 No_date   12:42   51.28  n/a
    {MxStoUsed=.1522E+00}
002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:105-2          1.65     .250 No_date   12:02   55.08 .745
     [XIMP=.52:TIMP=.52]
     [LOSS= 2 :CN= 81.0]
     [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:705            6.42     .209 No_date   12:42   51.28  n/a
                     +  04:105-2          1.65     .250 No_date   12:02   55.08  n/a
     [DT= 2.00]  SUM=  05:502            8.07     .281 No_date   12:02   52.06  n/a
002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:105-3          2.30     .288 No_date   12:02   49.87 .674
     [XIMP=.51:TIMP=.51]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     01:105-3          2.30     .288 No_date   12:02   49.87  n/a
     {ST=    .115 ha.m   to control at       .000  (cms)}
002:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-3          2.30     .288 No_date   12:02   49.87  n/a
     [RDT= 2.00] out<- 02:710            2.30     .117 No_date   12:18   49.87  n/a
    {MxStoUsed=.2802E-01}
002:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:710            2.30     .117 No_date   12:18   49.87  n/a
                     +  03:501          758.82   10.666 No_date   14:46   35.78  n/a
                     +  05:502            8.07     .281 No_date   12:02   52.06  n/a
     [DT= 2.00]  SUM=  06:505          769.19   10.734 No_date   14:44   36.00  n/a
002:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:115             .82     .101 No_date   12:00   42.43 .574
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
002:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:110-2           .90     .154 No_date   12:00   60.23 .814
     [XIMP=.69:TIMP=.69]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
002:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:115             .82     .101 No_date   12:00   42.43  n/a
                     +  02:110-2           .90     .154 No_date   12:00   60.23  n/a
     [DT= 2.00]  SUM=  03:510            1.72     .255 No_date   12:00   51.74  n/a
002:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:110-1          1.69     .251 No_date   12:00   55.32 .748
     [XIMP=.57:TIMP=.57]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
002:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:110-1          1.69     .251 No_date   12:00   55.32  n/a
                     +  03:510            1.72     .255 No_date   12:00   51.74  n/a
     [DT= 2.00]  SUM=  04:512            3.41     .506 No_date   12:00   53.52  n/a
002:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:512            3.41     .506 No_date   12:00   53.52  n/a
     {ST=    .182 ha.m   to control at       .000  (cms)}
002:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:512            3.41     .506 No_date   12:00   53.52  n/a
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     [RDT= 2.00] out<- 02:715            3.41     .093 No_date   12:34   53.52  n/a
    {MxStoUsed=.7431E-01}
002:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:110-0          4.04     .258 No_date   12:20   42.01 .568
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
002:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:110-0          4.04     .258 No_date   12:20   42.01  n/a
                   +  02:715            3.41     .093 No_date   12:34   53.52  n/a
     [DT= 2.00]  SUM=  03:515            7.45     .346 No_date   12:22   47.28  n/a
002:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:135-0          9.20     .293 No_date   12:34   27.88 .377
     [CN= 73.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
002:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:135-1          2.90     .371 No_date   12:02   51.04 .690
     [XIMP=.56:TIMP=.56]
     [LOSS= 2 :CN= 67.0]
     [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
002:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:135-1          2.90     .371 No_date   12:02   51.04  n/a
     {ST=    .148 ha.m   to control at       .000  (cms)}
002:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1          2.90     .371 No_date   12:02   51.04  n/a
     [RDT= 2.00] out<- 03:720            2.90     .136 No_date   12:20   51.04  n/a
    {MxStoUsed=.4176E-01}
002:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:135-0          9.20     .293 No_date   12:34   27.88  n/a
                   +  03:720            2.90     .136 No_date   12:20   51.04  n/a
     [DT= 2.00]  SUM=  04:520           12.10     .420 No_date   12:30   33.43  n/a
002:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:140-0         28.00     .999 No_date   12:38   33.43 .452
     [CN= 79.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
002:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:140-1          1.30     .209 No_date   12:02   61.75 .835
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
002:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:140-1          1.30     .209 No_date   12:02   61.75  n/a
     {ST=    .080 ha.m   to control at       .000  (cms)}
002:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1          1.30     .209 No_date   12:02   61.75  n/a
     [RDT= 2.00] out<- 03:725            1.30     .066 No_date   12:20   61.75  n/a
    {MxStoUsed=.2348E-01}
002:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:140-2           .90     .157 No_date   12:00   62.21 .841
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
002:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:140-0         28.00     .999 No_date   12:38   33.43  n/a
                   +  03:725            1.30     .066 No_date   12:20   61.75  n/a
                   +  04:140-2           .90     .157 No_date   12:00   62.21  n/a
     [DT= 2.00]  SUM=  05:525           30.20    1.083 No_date   12:36   35.51  n/a
002:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:145-0         45.00    1.277 No_date   12:58   34.86 .471
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
002:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:145-1          1.40     .219 No_date   12:02   60.92 .823
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
002:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:145-1          1.40     .219 No_date   12:02   60.92  n/a
     {ST=    .085 ha.m   to control at       .000  (cms)}
002:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1          1.40     .219 No_date   12:02   60.92  n/a
     [RDT= 2.00] out<- 03:730            1.40     .037 No_date   12:38   60.92  n/a
    {MxStoUsed=.3323E-01}
002:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:145-0         45.00    1.277 No_date   12:58   34.86  n/a
                   +  03:730            1.40     .037 No_date   12:38   60.92  n/a
     [DT= 2.00]  SUM=  04:530           46.40    1.314 No_date   12:58   35.65  n/a
002:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:150-0        133.90    2.120 No_date   14:06   32.41 .438
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
002:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:150-1          2.10     .315 No_date   12:02   57.36 .775
     [XIMP=.67:TIMP=.67]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
002:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:150-1          2.10     .315 No_date   12:02   57.36  n/a
     {ST=    .120 ha.m   to control at       .000  (cms)}
002:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:150-1          2.10     .315 No_date   12:02   57.36  n/a
     [RDT= 2.00] out<- 03:735            2.10     .171 No_date   12:12   57.36  n/a
    {MxStoUsed=.2468E-01}
002:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:150-0        133.90    2.120 No_date   14:06   32.41  n/a
                   +  03:735            2.10     .171 No_date   12:12   57.36  n/a
     [DT= 2.00]  SUM=  04:535          136.00    2.142 No_date   14:04   32.80  n/a
002:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:155-0         37.40     .928 No_date   13:04   32.27 .436
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
002:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:155-1          1.90     .255 No_date   12:04   56.96 .770
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
002:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:155-1          1.90     .255 No_date   12:04   56.96  n/a
     {ST=    .108 ha.m   to control at       .000  (cms)}
002:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:155-1          1.90     .255 No_date   12:04   56.96  n/a
     [RDT= 2.00] out<- 03:740            1.90     .055 No_date   12:38   56.96  n/a
    {MxStoUsed=.4147E-01}
002:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:155-0         37.40     .928 No_date   13:04   32.27  n/a
                   +  03:740            1.90     .055 No_date   12:38   56.96  n/a
     [DT= 2.00]  SUM=  04:540           39.30     .979 No_date   13:04   33.46  n/a
 ** END OF RUN :   2

*******************************************************************************




 RUN:COMMAND#
 003:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   3 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]               Project Number: [3214006]
#  Date        : 02-09-2016
#  Modeller    : [LS/MB]
#  Company     :  MMM Group
#  License #   :  4313781
 003:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  86.02]
```

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003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:100           89.30    3.410 No_date   13:06   50.73 .590
     [CN= 84.0: N= 3.00]
     [Tp= 1.13:DT= 2.00]
003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:130           25.60     .976 No_date   12:50   42.69 .496
     [CN= 78.0: N= 3.00]
     [Tp=  .88:DT= 2.00]
003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:125           24.50     .947 No_date   12:52   43.87 .510
     [CN= 79.0: N= 3.00]
     [Tp=  .90:DT= 2.00]
003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:120            5.72     .335 No_date   12:24   43.95 .511
     [CN= 79.0: N= 3.00]
     [Tp=  .51:DT= 2.00]
003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:130           25.60     .976 No_date   12:50   42.69  n/a
                   +  02:125           24.50     .947 No_date   12:52   43.87  n/a
                   +  03:120            5.72     .335 No_date   12:24   43.95  n/a
     [DT= 2.00]  SUM=  05:500           55.82    2.183 No_date   12:46   43.34  n/a
003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE CHANNEL   -> 05:500           55.82    2.183 No_date   12:46   43.34  n/a
     [RDT= 2.00] out<- 01:700           55.82    1.304 No_date   13:48   43.34  n/a
     [L/S/n= 3408./ .690/.030]
     {Vmax=  .714:Dmax=  .199}
003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:105-0        703.00   12.524 No_date   14:50   45.54 .529
     [CN= 81.0: N= 3.00]
     [Tp= 2.61:DT= 2.00]
003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:700           55.82    1.304 No_date   13:48   43.34  n/a
                   +  02:105-0        703.00   12.524 No_date   14:50   45.54  n/a
     [DT= 2.00]  SUM=  03:501          758.82   13.622 No_date   14:44   45.38  n/a
003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:105-1          6.42     .810 No_date   12:06   61.43 .714
     [XIMP=.54:TIMP=.54]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     01:105-1          6.42     .810 No_date   12:06   61.43  n/a
     {ST=    .394 ha.m   to control at       .000  (cms)}
003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-1          6.42     .810 No_date   12:06   61.43  n/a
     [RDT= 2.00] out<- 02:705            6.42     .325 No_date   12:32   61.43  n/a
    {MxStoUsed=.1670E+00}
003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:105-2          1.65     .303 No_date   12:00   65.98 .767
     [XIMP=.52:TIMP=.52]
     [LOSS= 2 :CN= 81.0]
     [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:705            6.42     .325 No_date   12:32   61.43  n/a
                   +  04:105-2          1.65     .303 No_date   12:00   65.98  n/a
     [DT= 2.00]  SUM=  05:502            8.07     .388 No_date   12:28   62.36  n/a
003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:105-3          2.30     .358 No_date   12:02   59.89 .696
     [XIMP=.51:TIMP=.51]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     01:105-3          2.30     .358 No_date   12:02   59.89  n/a
     {ST=    .138 ha.m   to control at       .000  (cms)}
003:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-3          2.30     .358 No_date   12:02   59.89  n/a
     [RDT= 2.00] out<- 02:710            2.30     .131 No_date   12:18   59.89  n/a
    {MxStoUsed=.3527E-01}
003:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:710            2.30     .131 No_date   12:18   59.89  n/a
                   +  03:501          758.82   13.622 No_date   14:44   45.38  n/a
                   +  05:502            8.07     .388 No_date   12:28   62.36  n/a
     [DT= 2.00]  SUM=  06:505          769.19   13.702 No_date   14:42   45.60  n/a
003:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:115            .82     .123 No_date   12:00   51.44 .598
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
003:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:110-2          .90     .186 No_date   12:00   71.38 .830
     [XIMP=.69:TIMP=.69]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
003:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:115            .82     .123 No_date   12:00   51.44  n/a
                   +  02:110-2          .90     .186 No_date   12:00   71.38  n/a
     [DT= 2.00]  SUM=  03:510           1.72     .309 No_date   12:00   61.87  n/a
003:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:110-1          1.69     .303 No_date   12:00   66.11 .769
     [XIMP=.57:TIMP=.57]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
003:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:110-1          1.69     .303 No_date   12:00   66.11  n/a
                   +  03:510           1.72     .309 No_date   12:00   61.87  n/a
     [DT= 2.00]  SUM=  04:512           3.41     .612 No_date   12:00   63.97  n/a
003:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:512            3.41     .612 No_date   12:00   63.97  n/a
     {ST=    .218 ha.m   to control at       .000  (cms)}
003:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:512            3.41     .612 No_date   12:00   63.97  n/a
     [RDT= 2.00] out<- 02:715            3.41     .126 No_date   12:28   63.97  n/a
    {MxStoUsed=.8720E-01}
003:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:110-0          4.04     .323 No_date   12:20   52.49 .610
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
003:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:110-0          4.04     .323 No_date   12:20   52.49  n/a
                   +  02:715            3.41     .126 No_date   12:28   63.97  n/a
     [DT= 2.00]  SUM=  03:515           7.45     .447 No_date   12:20   57.75  n/a
003:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:135-0          9.20     .383 No_date   12:34   36.10 .420
     [CN= 73.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
003:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:135-1          2.90     .453 No_date   12:02   61.01 .709
     [XIMP=.56:TIMP=.56]
     [LOSS= 2 :CN= 67.0]
     [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
003:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:135-1          2.90     .453 No_date   12:02   61.01  n/a
     {ST=    .177 ha.m   to control at       .000  (cms)}
003:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1          2.90     .453 No_date   12:02   61.01  n/a
     [RDT= 2.00] out<- 03:720            2.90     .177 No_date   12:18   61.01  n/a
    {MxStoUsed=.4954E-01}
003:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:135-0          9.20     .383 No_date   12:34   36.10  n/a
                   +  03:720           2.90     .177 No_date   12:18   61.01  n/a
     [DT= 2.00]  SUM=  04:520          12.10     .545 No_date   12:28   42.07  n/a
003:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:140-0         28.00    1.286 No_date   12:38   42.69 .496
     [CN= 79.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
003:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:140-1          1.30     .251 No_date   12:02   72.85 .847
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
003:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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    COMPUTE VOLUME      02:140-1          1.30     .251 No_date   12:02   72.85  n/a
     {ST=    .095 ha.m   to control at       .000  (cms)}
003:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1          1.30     .251 No_date   12:02   72.85  n/a
     [RDT= 2.00] out<- 03:725            1.30     .073 No_date   12:22   72.85  n/a
    {MxStoUsed=.2864E-01}
003:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:140-2           .90     .187 No_date   12:00   73.35 .853
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
003:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:140-0         28.00    1.286 No_date   12:38   42.69  n/a
                    +   03:725           1.30     .073 No_date   12:22   72.85  n/a
                    +   04:140-2          .90     .187 No_date   12:00   73.35  n/a
     [DT= 2.00]  SUM=   05:525          30.20    1.381 No_date   12:36   44.90  n/a
003:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:145-0         45.00    1.630 No_date   12:58   44.19 .514
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
003:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:145-1          1.40     .263 No_date   12:02   71.95 .836
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
003:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:145-1          1.40     .263 No_date   12:02   71.95  n/a
     {ST=    .101 ha.m   to control at       .000  (cms)}
003:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1          1.40     .263 No_date   12:02   71.95  n/a
     [RDT= 2.00] out<- 03:730            1.40     .041 No_date   12:38   71.95  n/a
    {MxStoUsed=.4038E-01}
003:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:145-0         45.00    1.630 No_date   12:58   44.19  n/a
                    +   03:730           1.40     .041 No_date   12:38   71.95  n/a
     [DT= 2.00]  SUM=   04:530          46.40    1.669 No_date   12:58   45.03  n/a
003:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:150-0        133.90    2.726 No_date   14:04   41.38 .481
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
003:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:150-1          2.10     .381 No_date   12:02   68.06 .791
     [XIMP=.67:TIMP=.67]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
003:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:150-1          2.10     .381 No_date   12:02   68.06  n/a
     {ST=    .143 ha.m   to control at       .000  (cms)}
003:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:150-1          2.10     .381 No_date   12:02   68.06  n/a
     [RDT= 2.00] out<- 03:735            2.10     .192 No_date   12:12   68.06  n/a
    {MxStoUsed=.3047E-01}
003:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:150-0        133.90    2.726 No_date   14:04   41.38  n/a
                    +   03:735           2.10     .192 No_date   12:12   68.06  n/a
     [DT= 2.00]  SUM=   04:535          136.00    2.751 No_date   14:02   41.79  n/a
003:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:155-0         37.40    1.195 No_date   13:04   41.23 .479
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
003:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:155-1          1.90     .307 No_date   12:04   67.40 .784
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
003:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:155-1          1.90     .307 No_date   12:04   67.40  n/a
     {ST=    .128 ha.m   to control at       .000  (cms)}
003:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:155-1          1.90     .307 No_date   12:04   67.40  n/a
     [RDT= 2.00] out<- 03:740            1.90     .094 No_date   12:26   67.40  n/a
    {MxStoUsed=.4706E-01}
003:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:155-0         37.40    1.195 No_date   13:04   41.23  n/a
                    +   03:740           1.90     .094 No_date   12:26   67.40  n/a
     [DT= 2.00]  SUM=   04:540          39.30    1.252 No_date   13:02   42.49  n/a
 ** END OF RUN :   3

********************************************************************************



 RUN:COMMAND#
 004:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]                Project Number: [3214006]
 #  Date        : 02-09-2016
 #  Modeller    : [LS/MB]
 #  Company     :  MMM Group
 #  License #   :  4313781
 004:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 101.00]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        01:100           89.30    4.304 No_date   13:06   63.83 .632
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        01:130           25.60    1.257 No_date   12:50   54.65 .541
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        02:125           24.50    1.216 No_date   12:52   56.03 .555
      [CN= 79.0: N= 3.00]
      [Tp=  .90:DT= 2.00]
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        03:120            5.72     .430 No_date   12:24   56.11 .556
      [CN= 79.0: N= 3.00]
      [Tp=  .51:DT= 2.00]
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             01:130           25.60    1.257 No_date   12:50   54.65  n/a
                     +   02:125           24.50    1.216 No_date   12:52   56.03  n/a
                     +   03:120            5.72     .430 No_date   12:24   56.11  n/a
      [DT= 2.00]  SUM=   05:500           55.82    2.808 No_date   12:46   55.40  n/a
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           55.82    2.808 No_date   12:46   55.40  n/a
      [RDT= 2.00] out<- 01:700           55.82    1.701 No_date   13:42   55.40  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .751:Dmax=  .223}
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD        02:105-0         703.00   16.058 No_date   14:48   58.04 .575
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD             01:700           55.82    1.701 No_date   13:42   55.40  n/a
                     +   02:105-0         703.00   16.058 No_date   14:48   58.04  n/a
      [DT= 2.00]  SUM=   03:501           758.82   17.455 No_date   14:42   57.85  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD      01:105-1           6.42    1.000 No_date   12:06   74.38 .736
      [XIMP=.54:TIMP=.54]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME      01:105-1           6.42    1.000 No_date   12:06   74.38  n/a
```

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    {ST=    .478 ha.m   to control at       .000  (cms)}
004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-1          6.42    1.000 No_date   12:06   74.38  n/a
     [RDT= 2.00] out<- 02:705            6.42     .644 No_date   12:18   74.38  n/a
    {MxStoUsed=.1775E+00}
004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:105-2          1.65     .382 No_date   12:00   79.79 .790
     [XIMP=.52:TIMP=.52]
     [LOSS= 2 :CN= 81.0]
     [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:705            6.42     .644 No_date   12:18   74.38  n/a
                   +  04:105-2          1.65     .382 No_date   12:00   79.79  n/a
     [DT= 2.00]  SUM=  05:502            8.07     .750 No_date   12:18   75.49  n/a
004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:105-3          2.30     .440 No_date   12:02   72.70 .720
     [XIMP=.51:TIMP=.51]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     01:105-3          2.30     .440 No_date   12:02   72.70  n/a
     {ST=    .167 ha.m   to control at       .000  (cms)}
004:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-3          2.30     .440 No_date   12:02   72.70  n/a
     [RDT= 2.00] out<- 02:710            2.30     .146 No_date   12:20   72.70  n/a
    {MxStoUsed=.4513E-01}
004:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:710            2.30     .146 No_date   12:20   72.70  n/a
                   +  03:501          758.82   17.455 No_date   14:42   57.85  n/a
                   +  05:502            8.07     .750 No_date   12:18   75.49  n/a
     [DT= 2.00]  SUM=  06:505          769.19   17.555 No_date   14:40   58.08  n/a
004:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:115             .82     .156 No_date   12:00   63.08 .625
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 65.0]
     [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
004:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:110-2           .90     .225 No_date   12:00   85.43 .846
     [XIMP=.69:TIMP=.69]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
004:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:115             .82     .156 No_date   12:00   63.08  n/a
                   +  02:110-2           .90     .225 No_date   12:00   85.43  n/a
     [DT= 2.00]  SUM=  03:510            1.72     .381 No_date   12:00   74.77  n/a
004:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:110-1          1.69     .377 No_date   12:00   79.79 .790
     [XIMP=.57:TIMP=.57]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
004:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:110-1          1.69     .377 No_date   12:00   79.79  n/a
                   +  03:510            1.72     .381 No_date   12:00   74.77  n/a
     [DT= 2.00]  SUM=  04:512            3.41     .758 No_date   12:00   77.26  n/a
004:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:512            3.41     .758 No_date   12:00   77.26  n/a
     {ST=    .263 ha.m   to control at       .000  (cms)}
004:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:512            3.41     .758 No_date   12:00   77.26  n/a
     [RDT= 2.00] out<- 02:715            3.41     .167 No_date   12:24   77.26  n/a
    {MxStoUsed=.1039E+00}
004:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:110-0          4.04     .406 No_date   12:20   65.92 .653
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
004:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:110-0          4.04     .406 No_date   12:20   65.92  n/a
                   +  02:715            3.41     .167 No_date   12:24   77.26  n/a
     [DT= 2.00]  SUM=  03:515            7.45     .572 No_date   12:20   71.11  n/a
004:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:135-0          9.20     .503 No_date   12:32   47.01 .465
     [CN= 73.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
004:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:135-1          2.90     .565 No_date   12:00   73.72 .730
     [XIMP=.56:TIMP=.56]
     [LOSS= 2 :CN= 67.0]
     [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
004:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:135-1          2.90     .565 No_date   12:00   73.72  n/a
     {ST=    .214 ha.m   to control at       .000  (cms)}
004:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1          2.90     .565 No_date   12:00   73.72  n/a
     [RDT= 2.00] out<- 03:720            2.90     .316 No_date   12:10   73.72  n/a
    {MxStoUsed=.5544E-01}
004:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:135-0          9.20     .503 No_date   12:32   47.01  n/a
                   +  03:720            2.90     .316 No_date   12:10   73.72  n/a
     [DT= 2.00]  SUM=  04:520           12.10     .706 No_date   12:16   53.41  n/a
004:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:140-0         28.00    1.661 No_date   12:38   54.79 .542
     [CN= 79.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
004:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:140-1          1.30     .305 No_date   12:02   86.82 .860
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
004:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:140-1          1.30     .305 No_date   12:02   86.82  n/a
     {ST=    .113 ha.m   to control at       .000  (cms)}
004:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1          1.30     .305 No_date   12:02   86.82  n/a
     [RDT= 2.00] out<- 03:725            1.30     .079 No_date   12:22   86.82  n/a
    {MxStoUsed=.3549E-01}
004:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:140-2           .90     .226 No_date   12:00   87.37 .865
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
004:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:140-0         28.00    1.661 No_date   12:38   54.79  n/a
                   +  03:725            1.30     .079 No_date   12:22   86.82  n/a
                   +  04:140-2           .90     .226 No_date   12:00   87.37  n/a
     [DT= 2.00]  SUM=  05:525           30.20    1.768 No_date   12:36   57.14  n/a
004:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:145-0         45.00    2.090 No_date   12:58   56.36 .558
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
004:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:145-1          1.40     .320 No_date   12:02   85.84 .850
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
004:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:145-1          1.40     .320 No_date   12:02   85.84  n/a
     {ST=    .120 ha.m   to control at       .000  (cms)}
004:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1          1.40     .320 No_date   12:02   85.84  n/a
     [RDT= 2.00] out<- 03:730            1.40     .094 No_date   12:20   85.84  n/a
    {MxStoUsed=.4440E-01}
004:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:145-0         45.00    2.090 No_date   12:58   56.36  n/a
                   +  03:730            1.40     .094 No_date   12:20   85.84  n/a
     [DT= 2.00]  SUM=  04:530           46.40    2.132 No_date   12:56   57.25  n/a
004:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:150-0        133.90    3.523 No_date   14:02   53.14 .526
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
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 004:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:150-1          2.10     .468 No_date   12:00   81.60 .808
      [XIMP=.67:TIMP=.67]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
 004:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     02:150-1          2.10     .468 No_date   12:00   81.60  n/a
      {ST=    .171 ha.m   to control at       .000  (cms)}
 004:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 02:150-1          2.10     .468 No_date   12:00   81.60  n/a
      [RDT= 2.00] out<- 03:735            2.10     .212 No_date   12:12   81.60  n/a
     {MxStoUsed=.3809E-01}
 004:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:150-0        133.90    3.523 No_date   14:02   53.14  n/a
                    +   03:735           2.10     .212 No_date   12:12   81.60  n/a
      [DT= 2.00]  SUM=  04:535          136.00    3.552 No_date   14:02   53.58  n/a
 004:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:155-0         37.40    1.545 No_date   13:02   52.98 .525
      [CN= 77.0: N= 3.00]
      [Tp= 1.06:DT= 2.00]
 004:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:155-1          1.90     .383 No_date   12:02   80.61 .798
      [XIMP=.70:TIMP=.70]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
 004:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     02:155-1          1.90     .383 No_date   12:02   80.61  n/a
      {ST=    .153 ha.m   to control at       .000  (cms)}
 004:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 02:155-1          1.90     .383 No_date   12:02   80.61  n/a
      [RDT= 2.00] out<- 03:740            1.90     .164 No_date   12:16   80.61  n/a
     {MxStoUsed=.5145E-01}
 004:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:155-0         37.40    1.545 No_date   13:02   52.98  n/a
                    +   03:740           1.90     .164 No_date   12:16   80.61  n/a
      [DT= 2.00]  SUM=  04:540           39.30    1.604 No_date   13:02   54.31  n/a
  ** END OF RUN :   4

**********************************************************************************




 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
#*************************************************************************
#  Project Name: [Trafalgar Road EA]               Project Number: [3214006]
#  Date        : 02-09-2016
#  Modeller    : [LS/MB]
#  Company     :  MMM Group
#  License #   :  4313781
 005:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 113.01]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    5.035 No_date   13:06   74.59 .660
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:130           25.60    1.491 No_date   12:50   64.60 .572
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:125           24.50    1.439 No_date   12:50   66.12 .585
      [CN= 79.0: N= 3.00]
      [Tp=  .90:DT= 2.00]
 005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:120            5.72     .509 No_date   12:24   66.20 .586
      [CN= 79.0: N= 3.00]
      [Tp=  .51:DT= 2.00]
 005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:130           25.60    1.491 No_date   12:50   64.60  n/a
                    +   02:125           24.50    1.439 No_date   12:50   66.12  n/a
                    +   03:120            5.72     .509 No_date   12:24   66.20  n/a
      [DT= 2.00]  SUM=  05:500           55.82    3.327 No_date   12:46   65.43  n/a
 005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           55.82    3.327 No_date   12:46   65.43  n/a
      [RDT= 2.00] out<- 01:700           55.82    2.039 No_date   13:38   65.43  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .786:Dmax=  .244}
 005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105-0        703.00   18.981 No_date   14:48   68.39 .605
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           55.82    2.039 No_date   13:38   65.43  n/a
                    +   02:105-0        703.00   18.981 No_date   14:48   68.39  n/a
      [DT= 2.00]  SUM=  03:501          758.82   20.627 No_date   14:40   68.17  n/a
 005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-1          6.42    1.176 No_date   12:06   84.97 .752
      [XIMP=.54:TIMP=.54]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
 005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     01:105-1          6.42    1.176 No_date   12:06   84.97  n/a
      {ST=    .546 ha.m   to control at       .000  (cms)}
 005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:105-1          6.42    1.176 No_date   12:06   84.97  n/a
      [RDT= 2.00] out<- 02:705            6.42     .906 No_date   12:14   84.97  n/a
     {MxStoUsed=.1840E+00}
 005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:105-2          1.65     .448 No_date   12:00   91.01 .805
      [XIMP=.52:TIMP=.52]
      [LOSS= 2 :CN= 81.0]
      [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
 005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:705            6.42     .906 No_date   12:14   84.97  n/a
                    +   04:105-2          1.65     .448 No_date   12:00   91.01  n/a
      [DT= 2.00]  SUM=  05:502            8.07    1.053 No_date   12:14   86.20  n/a
 005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-3          2.30     .519 No_date   12:02   83.20 .736
      [XIMP=.51:TIMP=.51]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
 005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     01:105-3          2.30     .519 No_date   12:02   83.20  n/a
      {ST=    .191 ha.m   to control at       .000  (cms)}
 005:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:105-3          2.30     .519 No_date   12:02   83.20  n/a
      [RDT= 2.00] out<- 02:710            2.30     .195 No_date   12:16   83.20  n/a
     {MxStoUsed=.5243E-01}
 005:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:710            2.30     .195 No_date   12:16   83.20  n/a
                    +   03:501          758.82   20.627 No_date   14:40   68.17  n/a
                    +   05:502            8.07    1.053 No_date   12:14   86.20  n/a
      [DT= 2.00]  SUM=  06:505          769.19   20.742 No_date   14:40   68.40  n/a
 005:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:115             .82     .182 No_date   12:00   72.71 .643
      [XIMP=.40:TIMP=.40]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
 005:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:110-2           .90     .266 No_date   12:00   96.80 .857
      [XIMP=.69:TIMP=.69]
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     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
005:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:115            .82     .182 No_date   12:00   72.71  n/a
                  +   02:110-2          .90     .266 No_date   12:00   96.80  n/a
     [DT= 2.00]  SUM=  03:510           1.72     .449 No_date   12:00   85.31  n/a
005:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    01:110-1          1.69     .433 No_date   12:00   90.91 .804
     [XIMP=.57:TIMP=.57]
     [LOSS= 2 :CN= 78.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
005:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:110-1          1.69     .433 No_date   12:00   90.91  n/a
                  +   03:510            1.72     .449 No_date   12:00   85.31  n/a
     [DT= 2.00]  SUM=  04:512           3.41     .882 No_date   12:00   88.09  n/a
005:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME    04:512            3.41     .882 No_date   12:00   88.09  n/a
     {ST=    .300 ha.m   to control at       .000  (cms)}
005:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:512           3.41     .882 No_date   12:00   88.09  n/a
     [RDT= 2.00] out<- 02:715           3.41     .195 No_date   12:22   88.09  n/a
    {MxStoUsed=.1180E+00}
005:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:110-0          4.04     .473 No_date   12:20   76.90 .681
     [CN= 86.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
005:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:110-0          4.04     .473 No_date   12:20   76.90  n/a
                  +   02:715            3.41     .195 No_date   12:22   88.09  n/a
     [DT= 2.00]  SUM=  03:515           7.45     .668 No_date   12:20   82.02  n/a
005:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:135-0          9.20     .604 No_date   12:32   56.20 .497
     [CN= 73.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
005:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:135-1          2.90     .650 No_date   12:00   84.12 .744
     [XIMP=.56:TIMP=.56]
     [LOSS= 2 :CN= 67.0]
     [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
005:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME    02:135-1          2.90     .650 No_date   12:00   84.12  n/a
     {ST=    .244 ha.m   to control at       .000  (cms)}
005:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1         2.90     .650 No_date   12:00   84.12  n/a
     [RDT= 2.00] out<- 03:720           2.90     .417 No_date   12:08   84.12  n/a
    {MxStoUsed=.5941E-01}
005:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:135-0          9.20     .604 No_date   12:32   56.20  n/a
                  +   03:720            2.90     .417 No_date   12:08   84.12  n/a
     [DT= 2.00]  SUM=  04:520          12.10     .858 No_date   12:14   62.89  n/a
005:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:140-0         28.00    1.972 No_date   12:38   64.84 .574
     [CN= 79.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
005:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:140-1          1.30     .354 No_date   12:00   98.13 .868
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
005:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME    02:140-1          1.30     .354 No_date   12:00   98.13  n/a
     {ST=    .128 ha.m   to control at       .000  (cms)}
005:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1         1.30     .354 No_date   12:00   98.13  n/a
     [RDT= 2.00] out<- 03:725           1.30     .085 No_date   12:22   98.13  n/a
    {MxStoUsed=.4107E-01}
005:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    04:140-2           .90     .259 No_date   12:00   98.70 .873
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
005:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:140-0         28.00    1.972 No_date   12:38   64.84  n/a
                  +   03:725            1.30     .085 No_date   12:22   98.13  n/a
                  +   04:140-2           .90     .259 No_date   12:00   98.70  n/a
     [DT= 2.00]  SUM=  05:525          30.20    2.088 No_date   12:36   67.28  n/a
005:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:145-0         45.00    2.471 No_date   12:56   66.46 .588
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
005:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:145-1          1.40     .365 No_date   12:02   97.08 .859
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
005:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME    02:145-1          1.40     .365 No_date   12:02   97.08  n/a
     {ST=    .136 ha.m   to control at       .000  (cms)}
005:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1         1.40     .365 No_date   12:02   97.08  n/a
     [RDT= 2.00] out<- 03:730           1.40     .137 No_date   12:16   97.08  n/a
    {MxStoUsed=.4760E-01}
005:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:145-0         45.00    2.471 No_date   12:56   66.46  n/a
                  +   03:730            1.40     .137 No_date   12:16   97.08  n/a
     [DT= 2.00]  SUM=  04:530          46.40    2.521 No_date   12:56   67.38  n/a
005:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:150-0        133.90    4.189 No_date   14:02   62.94 .557
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
005:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:150-1          2.10     .542 No_date   12:00   92.60 .819
     [XIMP=.67:TIMP=.67]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
005:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME    02:150-1          2.10     .542 No_date   12:00   92.60  n/a
     {ST=    .194 ha.m   to control at       .000  (cms)}
005:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:150-1         2.10     .542 No_date   12:00   92.60  n/a
     [RDT= 2.00] out<- 03:735           2.10     .230 No_date   12:12   92.60  n/a
    {MxStoUsed=.4509E-01}
005:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:150-0        133.90    4.189 No_date   14:02   62.94  n/a
                  +   03:735            2.10     .230 No_date   12:12   92.60  n/a
     [DT= 2.00]  SUM=  04:535          136.00    4.220 No_date   14:02   63.40  n/a
005:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD      01:155-0         37.40    1.838 No_date   13:02   62.78 .556
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
005:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD    02:155-1          1.90     .439 No_date   12:02   91.35 .808
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
005:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME    02:155-1          1.90     .439 No_date   12:02   91.35  n/a
     {ST=    .174 ha.m   to control at       .000  (cms)}
005:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:155-1         1.90     .439 No_date   12:02   91.35  n/a
     [RDT= 2.00] out<- 03:740           1.90     .222 No_date   12:14   91.35  n/a
    {MxStoUsed=.5500E-01}
005:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD           01:155-0         37.40    1.838 No_date   13:02   62.78  n/a
                  +   03:740            1.90     .222 No_date   12:14   91.35  n/a
     [DT= 2.00]  SUM=  04:540          39.30    1.898 No_date   13:02   64.16  n/a
  ** END OF RUN :   5

********************************************************************************
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 RUN:COMMAND#
 006:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   6 ]
#*****************************************************************************
#  Project Name: [Trafalgar Road EA]               Project Number: [3214006]
#  Date        : 02-09-2016
#  Modeller    : [LS/MB]
#  Company     :  MMM Group
#  License #   :  4313781
 006:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 122.00]
 006:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100            89.30    5.589 No_date   13:06   82.77 .678
      [CN= 84.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
 006:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:130            25.60    1.670 No_date   12:50   72.22 .592
      [CN= 78.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
 006:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:125            24.50    1.610 No_date   12:50   73.84 .605
      [CN= 79.0: N= 3.00]
      [Tp=  .90:DT= 2.00]
 006:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:120             5.72     .569 No_date   12:24   73.92 .606
      [CN= 79.0: N= 3.00]
      [Tp=  .51:DT= 2.00]
 006:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:130            25.60    1.670 No_date   12:50   72.22  n/a
                      +  02:125            24.50    1.610 No_date   12:50   73.84  n/a
                      +  03:120             5.72     .569 No_date   12:24   73.92  n/a
      [DT= 2.00]  SUM=  05:500            55.82    3.723 No_date   12:46   73.10  n/a
 006:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500            55.82    3.723 No_date   12:46   73.10  n/a
      [RDT= 2.00] out<- 01:700            55.82    2.307 No_date   13:36   73.10  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .814:Dmax=  .259}
 006:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105-0         703.00   21.211 No_date   14:46   76.28 .625
      [CN= 81.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
 006:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700            55.82    2.307 No_date   13:36   73.10  n/a
                      +  02:105-0         703.00   21.211 No_date   14:46   76.28  n/a
      [DT= 2.00]  SUM=  03:501           758.82   23.042 No_date   14:40   76.05  n/a
 006:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-1           6.42    1.345 No_date   12:04   93.00 .762
      [XIMP=.54:TIMP=.54]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
 006:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     01:105-1           6.42    1.345 No_date   12:04   93.00  n/a
      {ST=    .597 ha.m   to control at       .000  (cms)}
 006:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:105-1           6.42    1.345 No_date   12:04   93.00  n/a
      [RDT= 2.00] out<- 02:705             6.42    1.105 No_date   12:10   93.00  n/a
     {MxStoUsed=.1891E+00}
 006:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:105-2           1.65     .492 No_date   12:00   99.48 .815
      [XIMP=.52:TIMP=.52]
      [LOSS= 2 :CN= 81.0]
      [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
 006:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:705             6.42    1.105 No_date   12:10   93.00  n/a
                      +  04:105-2           1.65     .492 No_date   12:00   99.48  n/a
      [DT= 2.00]  SUM=  05:502             8.07    1.323 No_date   12:10   94.32  n/a
 006:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-3           2.30     .572 No_date   12:02   91.16 .747
      [XIMP=.51:TIMP=.51]
      [LOSS= 2 :CN= 71.0]
      [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
 006:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     01:105-3           2.30     .572 No_date   12:02   91.16  n/a
      {ST=    .210 ha.m   to control at       .000  (cms)}
 006:0018---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:105-3           2.30     .572 No_date   12:02   91.16  n/a
      [RDT= 2.00] out<- 02:710             2.30     .242 No_date   12:14   91.16  n/a
     {MxStoUsed=.5637E-01}
 006:0019---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:710             2.30     .242 No_date   12:14   91.16  n/a
                      +  03:501           758.82   23.042 No_date   14:40   76.05  n/a
                      +  05:502             8.07    1.323 No_date   12:10   94.32  n/a
      [DT= 2.00]  SUM=  06:505           769.19   23.167 No_date   14:38   76.28  n/a
 006:0020---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:115              .82     .202 No_date   12:00   80.06 .656
      [XIMP=.40:TIMP=.40]
      [LOSS= 2 :CN= 65.0]
      [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
 006:0021---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:110-2            .90     .291 No_date   12:00  105.37 .864
      [XIMP=.69:TIMP=.69]
      [LOSS= 2 :CN= 78.0]
      [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
 006:0022---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:115              .82     .202 No_date   12:00   80.06  n/a
                      +  02:110-2           .90     .291 No_date   12:00  105.37  n/a
      [DT= 2.00]  SUM=  03:510             1.72     .493 No_date   12:00   93.31  n/a
 006:0023---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:110-1           1.69     .487 No_date   12:00   99.30 .814
      [XIMP=.57:TIMP=.57]
      [LOSS= 2 :CN= 78.0]
      [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
 006:0024---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:110-1           1.69     .487 No_date   12:00   99.30  n/a
                      +  03:510             1.72     .493 No_date   12:00   93.31  n/a
      [DT= 2.00]  SUM=  04:512             3.41     .980 No_date   12:00   96.28  n/a
 006:0025---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     04:512             3.41     .980 No_date   12:00   96.28  n/a
      {ST=    .328 ha.m   to control at       .000  (cms)}
 006:0026---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 04:512             3.41     .980 No_date   12:00   96.28  n/a
      [RDT= 2.00] out<- 02:715             3.41     .218 No_date   12:20   96.28  n/a
     {MxStoUsed=.1290E+00}
 006:0027---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:110-0           4.04     .523 No_date   12:20   85.23 .699
      [CN= 86.0: N= 3.00]
      [Tp=  .44:DT= 2.00]
 006:0028---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:110-0           4.04     .523 No_date   12:20   85.23  n/a
                      +  02:715             3.41     .218 No_date   12:20   96.28  n/a
      [DT= 2.00]  SUM=  03:515             7.45     .741 No_date   12:20   90.29  n/a
 006:0029---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:135-0           9.20     .683 No_date   12:32   63.29 .519
      [CN= 73.0: N= 3.00]
      [Tp=  .61:DT= 2.00]
 006:0030---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:135-1           2.90     .728 No_date   12:00   92.01 .754
      [XIMP=.56:TIMP=.56]
      [LOSS= 2 :CN= 67.0]
      [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
```

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006:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:135-1          2.90     .728 No_date   12:00   92.01  n/a
     {ST=    .267 ha.m   to control at       .000  (cms)}
006:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1          2.90     .728 No_date   12:00   92.01  n/a
     [RDT= 2.00] out<- 03:720            2.90     .503 No_date   12:08   92.01  n/a
    {MxStoUsed=.6286E-01}
006:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:135-0          9.20     .683 No_date   12:32   63.29  n/a
                   +  03:720            2.90     .503 No_date   12:08   92.01  n/a
     [DT= 2.00]  SUM=  04:520           12.10     .976 No_date   12:12   70.17  n/a
006:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:140-0         28.00    2.209 No_date   12:36   72.54 .595
     [CN= 79.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
006:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:140-1          1.30     .390 No_date   12:00  106.64 .874
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
006:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:140-1          1.30     .390 No_date   12:00  106.64  n/a
     {ST=    .139 ha.m   to control at       .000  (cms)}
006:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1          1.30     .390 No_date   12:00  106.64  n/a
     [RDT= 2.00] out<- 03:725            1.30     .088 No_date   12:22  106.64  n/a
    {MxStoUsed=.4553E-01}
006:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     04:140-2           .90     .283 No_date   12:00  107.24 .879
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
006:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:140-0         28.00    2.209 No_date   12:36   72.54  n/a
                   +  03:725            1.30     .088 No_date   12:22  106.64  n/a
                   +  04:140-2           .90     .283 No_date   12:00  107.24  n/a
     [DT= 2.00]  SUM=  05:525           30.20    2.333 No_date   12:36   75.04  n/a
006:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:145-0         45.00    2.763 No_date   12:56   74.18 .608
     [CN= 79.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
006:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:145-1          1.40     .406 No_date   12:00  105.56 .865
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
006:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:145-1          1.40     .406 No_date   12:00  105.56  n/a
     {ST=    .148 ha.m   to control at       .000  (cms)}
006:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1          1.40     .406 No_date   12:00  105.56  n/a
     [RDT= 2.00] out<- 03:730            1.40     .169 No_date   12:14  105.56  n/a
    {MxStoUsed=.5004E-01}
006:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:145-0         45.00    2.763 No_date   12:56   74.18  n/a
                   +  03:730            1.40     .169 No_date   12:14  105.56  n/a
     [DT= 2.00]  SUM=  04:530           46.40    2.816 No_date   12:56   75.13  n/a
006:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:150-0        133.90    4.700 No_date   14:02   70.46 .578
     [CN= 77.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
006:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:150-1          2.10     .595 No_date   12:00  100.91 .827
     [XIMP=.67:TIMP=.67]
     [LOSS= 2 :CN= 71.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
006:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:150-1          2.10     .595 No_date   12:00  100.91  n/a
     {ST=    .212 ha.m   to control at       .000  (cms)}
006:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:150-1          2.10     .595 No_date   12:00  100.91  n/a
     [RDT= 2.00] out<- 03:735            2.10     .239 No_date   12:12  100.91  n/a
    {MxStoUsed=.5037E-01}
006:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:150-0        133.90    4.700 No_date   14:02   70.46  n/a
                   +  03:735            2.10     .239 No_date   12:12  100.91  n/a
     [DT= 2.00]  SUM=  04:535          136.00    4.733 No_date   14:00   70.93  n/a
006:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:155-0         37.40    2.062 No_date   13:02   70.30 .576
     [CN= 77.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
006:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:155-1          1.90     .481 No_date   12:02   99.47 .815
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
006:0052--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     02:155-1          1.90     .481 No_date   12:02   99.47  n/a
     {ST=    .189 ha.m   to control at       .000  (cms)}
006:0053--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:155-1          1.90     .481 No_date   12:02   99.47  n/a
     [RDT= 2.00] out<- 03:740            1.90     .266 No_date   12:12   99.47  n/a
    {MxStoUsed=.5772E-01}
006:0054--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:155-0         37.40    2.062 No_date   13:02   70.30  n/a
                   +  03:740            1.90     .266 No_date   12:12   99.47  n/a
     [DT= 2.00]  SUM=  04:540           39.30    2.124 No_date   13:00   71.71  n/a
006:0002--------------------------------------------------------------------------------
     FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
   Simulation ended on 2016-02-12     at 09:29:36
================================================================================
```

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9    =========
                                                        9   9  9   9   # 4313781
        StormWater Management HYdrologic Model          999    999    =========

 ********************************************************************************
 **************************** SWMHYMO Ver/4.05  *********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
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 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                  +++++++++
 +++++++++                Kitchener            SERIAL#:4313781         +++++++++
 +++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-12     TIME: 09:29:26     RUN COUNTER: 000552         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\TRAFALGR\PRC\CH_P_C_H.dat                       *
 * Output  filename: C:\SWMHYMO\TRAFALGR\PRC\CH_P_C_H.out                       *
 * Summary filename: C:\SWMHYMO\TRAFALGR\PRC\CH_P_C_H.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]              Project Number: [3214006]
#  Date        : 02-09-2016
#  Modeller    : [LS/MB]
#  Company     :  MMM Group
#  License #   :  4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT= 212.00]
001:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:100           89.30    9.185 No_date   11:16  189.50 .894
      [CN= 93.0: N= 3.00]
      [Tp= 1.13:DT= 2.00]
001:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:130           25.60    2.793 No_date   11:04  181.77 .857
      [CN= 90.0: N= 3.00]
      [Tp=  .88:DT= 2.00]
001:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:125           24.50    2.673 No_date   11:04  184.20 .869
      [CN= 91.0: N= 3.00]
      [Tp=  .90:DT= 2.00]
001:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:120            5.72     .722 No_date   10:18  184.30 .869
      [CN= 91.0: N= 3.00]
      [Tp=  .51:DT= 2.00]
001:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:130           25.60    2.793 No_date   11:04  181.77  n/a
                      + 02:125           24.50    2.673 No_date   11:04  184.20  n/a
                      + 03:120            5.72     .722 No_date   10:18  184.30  n/a
      [DT= 2.00]  SUM=  05:500           55.82    6.101 No_date   11:02  183.10  n/a
001:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE CHANNEL   -> 05:500           55.82    6.101 No_date   11:02  183.10  n/a
      [RDT= 2.00] out<- 01:700           55.82    5.459 No_date   11:28  183.10  n/a
      [L/S/n= 3408./ .690/.030]
      {Vmax=  .997:Dmax=  .344}
001:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:105-0        703.00   50.115 No_date   12:28  185.66 .876
      [CN= 92.0: N= 3.00]
      [Tp= 2.61:DT= 2.00]
001:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:700           55.82    5.459 No_date   11:28  183.10  n/a
                      + 02:105-0        703.00   50.115 No_date   12:28  185.66  n/a
      [DT= 2.00]  SUM=  03:501          758.82   54.343 No_date   12:18  185.47  n/a
001:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-1          6.42     .866 No_date   10:04  192.36 .907
      [XIMP=.54:TIMP=.54]
      [LOSS= 2 :CN= 86.0]
      [Pervious     area: IAper= 5.90:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=1200.:MNI=.015:SCI=   .0]
001:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     01:105-1          6.42     .866 No_date   10:04  192.36  n/a
      {ST=   1.235 ha.m   to control at       .000  (cms)}
001:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 01:105-1          6.42     .866 No_date   10:04  192.36  n/a
      [RDT= 2.00] out<- 02:705            6.42     .862 No_date   10:08  192.36  n/a
     {MxStoUsed=.1829E+00}
001:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     04:105-2          1.65     .238 No_date   10:00  197.66 .932
      [XIMP=.52:TIMP=.52]
      [LOSS= 2 :CN= 91.0]
      [Pervious     area: IAper= 5.30:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 310.:MNI=.015:SCI=   .0]
001:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:705            6.42     .862 No_date   10:08  192.36  n/a
                      + 04:105-2          1.65     .238 No_date   10:00  197.66  n/a
      [DT= 2.00]  SUM=  05:502            8.07    1.091 No_date   10:04  193.45  n/a
001:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:105-3          2.30     .324 No_date   10:00  191.12 .902
      [XIMP=.51:TIMP=.51]
      [LOSS= 2 :CN= 86.0]
      [Pervious     area: IAper= 6.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
    COMPUTE VOLUME      01:105-3          2.30     .324 No_date   10:00  191.12  n/a
     {ST=    .440 ha.m   to control at       .000  (cms)}
001:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 01:105-3          2.30     .324 No_date   10:00  191.12  n/a
     [RDT= 2.00] out<- 02:710            2.30     .287 No_date   10:12  191.12  n/a
    {MxStoUsed=.6015E-01}
001:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             02:710          2.30     .287 No_date   10:12  191.12  n/a
                    +   03:501        758.82   54.343 No_date   12:18  185.47  n/a
                    +   05:502          8.07    1.091 No_date   10:04  193.45  n/a
     [DT= 2.00]  SUM=   06:505        769.19   54.748 No_date   12:16  185.57  n/a
001:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:115           .82     .114 No_date   10:00  181.44 .856
     [XIMP=.40:TIMP=.40]
     [LOSS= 2 :CN= 82.0]
     [Pervious     area: IAper= 5.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 140.:MNI=.015:SCI=   .0]
001:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:110-2         .90     .130 No_date   10:00  201.46 .950
     [XIMP=.69:TIMP=.69]
     [LOSS= 2 :CN= 90.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 320.:MNI=.015:SCI=   .0]
001:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:115           .82     .114 No_date   10:00  181.44  n/a
                    +   02:110-2         .90     .130 No_date   10:00  201.46  n/a
     [DT= 2.00]  SUM=   03:510           1.72     .245 No_date   10:00  191.92  n/a
001:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      01:110-1         1.69     .243 No_date   10:00  197.69 .933
     [XIMP=.57:TIMP=.57]
     [LOSS= 2 :CN= 90.0]
     [Pervious     area: IAper= 5.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 370.:MNI=.015:SCI=   .0]
001:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:110-1         1.69     .243 No_date   10:00  197.69  n/a
                    +   03:510           1.72     .245 No_date   10:00  191.92  n/a
     [DT= 2.00]  SUM=   04:512           3.41     .488 No_date   10:00  194.78  n/a
001:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      04:512          3.41     .488 No_date   10:00  194.78  n/a
     {ST=    .664 ha.m   to control at       .000  (cms)}
001:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:512           3.41     .488 No_date   10:00  194.78  n/a
     [RDT= 2.00] out<- 02:715           3.41     .447 No_date   10:08  194.78  n/a
    {MxStoUsed=.1489E+00}
001:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:110-0         4.04     .537 No_date   10:12  190.67 .899
     [CN= 94.0: N= 3.00]
     [Tp=  .44:DT= 2.00]
001:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:110-0         4.04     .537 No_date   10:12  190.67  n/a
                    +   02:715           3.41     .447 No_date   10:08  194.78  n/a
     [DT= 2.00]  SUM=   03:515           7.45     .982 No_date   10:08  192.55  n/a
001:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:135-0         9.20    1.078 No_date   10:28  172.97 .816
     [CN= 87.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:135-1         2.90     .406 No_date   10:00  190.30 .898
     [XIMP=.56:TIMP=.56]
     [LOSS= 2 :CN= 83.0]
     [Pervious     area: IAper= 5.20:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 500.:MNI=.015:SCI=   .0]
001:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:135-1         2.90     .406 No_date   10:00  190.30  n/a
     {ST=    .552 ha.m   to control at       .000  (cms)}
001:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:135-1         2.90     .406 No_date   10:00  190.30  n/a
     [RDT= 2.00] out<- 03:720           2.90     .401 No_date   10:04  190.30  n/a
    {MxStoUsed=.5872E-01}
001:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:135-0         9.20    1.078 No_date   10:28  172.97  n/a
                    +   03:720           2.90     .401 No_date   10:04  190.30  n/a
     [DT= 2.00]  SUM=   04:520          12.10    1.428 No_date   10:16  177.13  n/a
001:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:140-0        28.00    3.253 No_date   10:38  182.72 .862
     [CN= 91.0: N= 3.00]
     [Tp=  .69:DT= 2.00]
001:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:140-1         1.30     .187 No_date   10:00  201.36 .950
     [XIMP=.77:TIMP=.77]
     [LOSS= 2 :CN= 86.0]
     [Pervious     area: IAper= 5.10:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 560.:MNI=.015:SCI=   .0]
001:0036--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:140-1         1.30     .187 No_date   10:00  201.36  n/a
     {ST=    .262 ha.m   to control at       .000  (cms)}
001:0037--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:140-1         1.30     .187 No_date   10:00  201.36  n/a
 *   [RDT= 2.00] out<- 03:725           1.30     .102 No_date   11:12  201.36  n/a
    {MxStoUsed=.6506E-01}
001:0038--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      04:140-2          .90     .130 No_date   10:00  201.76 .952
     [XIMP=.78:TIMP=.78]
     [LOSS= 2 :CN= 86.0]
     [Pervious     area: IAper= 5.00:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 425.:MNI=.015:SCI=   .0]
001:0039--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:140-0        28.00    3.253 No_date   10:38  182.72  n/a
                    +   03:725           1.30     .102 No_date   11:12  201.36  n/a
                    +   04:140-2          .90     .130 No_date   10:00  201.76  n/a
     [DT= 2.00]  SUM=   05:525          30.20    3.446 No_date   10:38  184.09  n/a
001:0040--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:145-0        45.00    4.785 No_date   11:08  184.60 .871
     [CN= 91.0: N= 3.00]
     [Tp=  .99:DT= 2.00]
001:0041--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:145-1         1.40     .200 No_date   10:00  200.71 .947
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 86.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 600.:MNI=.015:SCI=   .0]
001:0042--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:145-1         1.40     .200 No_date   10:00  200.71  n/a
     {ST=    .281 ha.m   to control at       .000  (cms)}
001:0043--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:145-1         1.40     .200 No_date   10:00  200.71  n/a
     [RDT= 2.00] out<- 03:730           1.40     .194 No_date   10:06  200.71  n/a
    {MxStoUsed=.5185E-01}
001:0044--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:145-0        45.00    4.785 No_date   11:08  184.60  n/a
                    +   03:730           1.40     .194 No_date   10:06  200.71  n/a
     [DT= 2.00]  SUM=   04:530          46.40    4.930 No_date   11:08  185.08  n/a
001:0045--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:150-0       133.90   10.835 No_date   11:56  179.15 .845
     [CN= 89.0: N= 3.00]
     [Tp= 1.92:DT= 2.00]
001:0046--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD      02:150-1         2.10     .300 No_date   10:00  197.70 .933
     [XIMP=.67:TIMP=.67]
     [LOSS= 2 :CN= 86.0]
     [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 490.:MNI=.015:SCI=   .0]
001:0047--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME      02:150-1         2.10     .300 No_date   10:00  197.70  n/a
     {ST=    .415 ha.m   to control at       .000  (cms)}
001:0048--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 02:150-1         2.10     .300 No_date   10:00  197.70  n/a
     [RDT= 2.00] out<- 03:735           2.10     .232 No_date   10:28  197.70  n/a
    {MxStoUsed=.4610E-01}
001:0049--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD             01:150-0       133.90   10.835 No_date   11:56  179.15  n/a
                    +   03:735           2.10     .232 No_date   10:28  197.70  n/a
     [DT= 2.00]  SUM=   04:535          136.00   10.982 No_date   11:54  179.44  n/a
001:0050--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD        01:155-0        37.40    3.851 No_date   11:12  178.95 .844
     [CN= 89.0: N= 3.00]
     [Tp= 1.06:DT= 2.00]
001:0051--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
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```
     CALIB STANDHYD     02:155-1          1.90     .264 No_date   10:00  194.58 .918
      [XIMP=.70:TIMP=.70]
      [LOSS= 2 :CN= 80.0]
      [Pervious     area: IAper= 4.80:SLPP=2.00:LGP=  20.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 800.:MNI=.015:SCI=   .0]
 001:0052---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     02:155-1          1.90     .264 No_date   10:00  194.58  n/a
      {ST=    .370 ha.m   to control at       .000  (cms)}
 001:0053---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 02:155-1          1.90     .264 No_date   10:00  194.58  n/a
      [RDT= 2.00] out<- 03:740            1.90     .257 No_date   10:08  194.58  n/a
     {MxStoUsed=.5716E-01}
 001:0054---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:155-0         37.40    3.851 No_date   11:12  178.95  n/a
                      + 03:740            1.90     .257 No_date   10:08  194.58  n/a
      [DT= 2.00]  SUM=  04:540           39.30    4.040 No_date   11:10  179.71  n/a
 001:0055--------------------------------------------------------------------------------
      FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
.
   Simulation ended on 2016-02-12     at 09:29:27
================================================================================
```

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================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9    =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 ***************************** SWMHYMO Ver/4.05  ********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
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 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-25     TIME: 11:21:17     RUN COUNTER: 000588         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\Trafalgr\PrC\CV_P_Con.dat                       *
 * Output  filename: C:\SWMHYMO\Trafalgr\PrC\CV_P_Con.out                       *
 * Summary filename: C:\SWMHYMO\Trafalgr\PrC\CV_P_Con.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________      *
 * 2:_____________________________________________________________________      *
 * 3:_____________________________________________________________________      *
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : 17-02-2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT=  58.01]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .115 No_date   12:48   11.99 .207
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00     .450 No_date   12:24   16.27 .281
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00     .450 No_date   12:24   16.27  n/a
       Major System /   04:220-1           .00     .000 No_date    0:00     .00  n/a
       Minor System \   05:220-2         21.00     .450 No_date   12:24   16.27  n/a
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .115 No_date   12:48   11.99  n/a
                      + 05:220-2         21.00     .450 No_date   12:24   16.27  n/a
      [DT= 2.00]  SUM=  03:515           31.60     .546 No_date   12:28   14.84  n/a
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .251 No_date   12:00   23.69 .408
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .251 No_date   12:00   23.69  n/a
                      + 03:515           31.60     .546 No_date   12:28   14.84  n/a
      [DT= 2.00]  SUM=  02:520           36.30     .639 No_date   12:24   15.98  n/a
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .347 No_date   12:04   45.10 .778
      [XIMP=.76:TIMP=.76]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           36.30     .639 No_date   12:24   15.98  n/a
                      + 03:205            3.21     .347 No_date   12:04   45.10  n/a
      [DT= 2.00]  SUM=  04:521           39.51     .844 No_date   12:02   18.35  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *   COMPUTE VOLUME     04:521           39.51     .844 No_date   12:02   18.35  n/a
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00     .577 No_date   12:00   26.34 .454
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00     .577 No_date   12:00   26.34  n/a
       Major System /   02:200-01          .00     .000 No_date    0:00     .00  n/a
       Minor System \   03:200-02         9.00     .577 No_date   12:00   26.34  n/a
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .191 No_date   12:02   44.64 .770
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .191 No_date   12:02   44.64  n/a
                      + 02:200-01          .00     .000 No_date    0:00     .00  n/a
      [DT= 2.00]  SUM=  05:522           1.60     .191 No_date   12:02   44.64  n/a
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521           39.51     .844 No_date   12:02   18.35  n/a
                      + 05:522            1.60     .191 No_date   12:02   44.64  n/a
      [DT= 2.00]  SUM=  06:525           41.11    1.035 No_date   12:02   19.37  n/a
001:0017---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:225            2.65     .339 No_date   12:00   41.14 .709
```

```
     [XIMP=.66:TIMP=.66]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
001:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:230             .81     .058 No_date   12:00   28.91 .498
     [XIMP=.26:TIMP=.26]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
001:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:225            2.65     .339 No_date   12:00   41.14  n/a
                     + 03:230             .81     .058 No_date   12:00   28.91  n/a
     [DT= 2.00]  SUM=  04:530            3.46     .397 No_date   12:00   38.28  n/a
001:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:530            3.46     .397 No_date   12:00   38.28  n/a
     {ST=    .132 ha.m   to control at       .000  (cms)}
001:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:530            3.46     .397 No_date   12:00   38.28  n/a
     [RDT= 2.00] out<- 05:805            3.46     .250 No_date   12:04   38.28  n/a
    {MxStoUsed=.2050E-01}
001:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:235           55.20     .495 No_date   13:58   17.77 .306
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
001:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:240           40.30     .573 No_date   13:08   19.48 .336
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
001:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:245            9.00     .224 No_date   12:26   19.11 .330
     [CN= 75.0: N= 3.00]
     [Tp=  .50:DT= 2.00]
001:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .345 No_date   13:02   15.10 .260
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
001:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50     .807 No_date   13:10   15.86 .273
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
001:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .345 No_date   13:02   15.10  n/a
                     + 02:260           71.50     .807 No_date   13:10   15.86  n/a
     [DT= 2.00]  SUM=  03:535          100.90    1.149 No_date   13:08   15.64  n/a
001:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:265            1.50     .110 No_date   12:00   28.08 .484
     [XIMP=.34:TIMP=.34]
     [LOSS= 2 :CN= 64.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
001:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:275             .40     .061 No_date   12:00   45.50 .784
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
001:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:265            1.50     .110 No_date   12:00   28.08  n/a
                     + 02:275             .40     .061 No_date   12:00   45.50  n/a
     [DT= 2.00]  SUM=  04:538            1.90     .171 No_date   12:00   31.75  n/a
001:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:250            1.12     .099 No_date   12:00   30.11 .519
     [XIMP=.44:TIMP=.44]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
001:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:250            1.12     .099 No_date   12:00   30.11  n/a
                     + 03:535          100.90    1.149 No_date   13:08   15.64  n/a
                     + 04:538            1.90     .171 No_date   12:00   31.75  n/a
     [DT= 2.00]  SUM=  05:540          103.92    1.172 No_date   13:06   16.09  n/a
001:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:251             .56     .086 No_date   12:00   50.56 .872
     [XIMP=.88:TIMP=.88]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
001:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:251             .56     .086 No_date   12:00   50.56  n/a
                     + 05:540          103.92    1.172 No_date   13:06   16.09  n/a
     [DT= 2.00]  SUM=  06:545          104.48    1.178 No_date   13:06   16.27  n/a
001:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:270           18.30     .333 No_date   12:34   16.38 .282
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
 ** END OF RUN :   1

********************************************************************************




 RUN:COMMAND#
 002:0001--------------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   2 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : 17-02-2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 002:0002--------------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT=  73.98]
 002:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .190 No_date   12:46   19.44 .263
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
 002:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00     .720 No_date   12:24   25.51 .345
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
 002:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00     .720 No_date   12:24   25.51  n/a
       Major System /  04:220-1            .00     .000 No_date    0:00     .00  n/a
       Minor System \  05:220-2          21.00     .720 No_date   12:24   25.51  n/a
 002:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .190 No_date   12:46   19.44  n/a
                     + 05:220-2         21.00     .720 No_date   12:24   25.51  n/a
     [DT= 2.00]  SUM=  03:515           31.60     .880 No_date   12:26   23.48  n/a
 002:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .360 No_date   12:00   33.60 .454
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 002:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .360 No_date   12:00   33.60  n/a
                     + 03:515           31.60     .880 No_date   12:26   23.48  n/a
     [DT= 2.00]  SUM=  02:520           36.30    1.019 No_date   12:24   24.79  n/a
 002:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .463 No_date   12:04   58.75 .794
     [XIMP=.76:TIMP=.76]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 002:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           36.30    1.019 No_date   12:24   24.79  n/a
                     + 03:205            3.21     .463 No_date   12:04   58.75  n/a
     [DT= 2.00]  SUM=  04:521           39.51    1.264 No_date   12:08   27.55  n/a
```

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002:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  COMPUTE VOLUME     04:521           39.51    1.264 No_date   12:08   27.55  n/a
002:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00     .809 No_date   12:00   36.27 .490
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
002:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00     .809 No_date   12:00   36.27  n/a
       Major System /  02:200-01          .00     .000 No_date    0:00     .00  n/a
       Minor System \  03:200-02         9.00     .809 No_date   12:00   36.27  n/a
002:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .254 No_date   12:02   58.19 .787
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
002:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .254 No_date   12:02   58.19  n/a
                   +   02:200-01          .00     .000 No_date    0:00     .00  n/a
     [DT= 2.00]  SUM=  05:522           1.60     .254 No_date   12:02   58.19  n/a
002:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           39.51    1.264 No_date   12:08   27.55  n/a
                   +   05:522           1.60     .254 No_date   12:02   58.19  n/a
     [DT= 2.00]  SUM=  06:525           41.11    1.498 No_date   12:02   28.74  n/a
002:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:225           2.65     .445 No_date   12:00   54.11 .731
     [XIMP=.66:TIMP=.66]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
002:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:230            .81     .085 No_date   12:00   40.67 .550
     [XIMP=.26:TIMP=.26]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
002:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:225           2.65     .445 No_date   12:00   54.11  n/a
                   +   03:230            .81     .085 No_date   12:00   40.67  n/a
     [DT= 2.00]  SUM=  04:530           3.46     .529 No_date   12:00   50.97  n/a
002:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:530           3.46     .529 No_date   12:00   50.97  n/a
     {ST=    .176 ha.m   to control at       .000  (cms)}
002:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:530           3.46     .529 No_date   12:00   50.97  n/a
     [RDT= 2.00] out<- 05:805           3.46     .335 No_date   12:04   50.97  n/a
    {MxStoUsed=.2769E-01}
002:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:235           55.20    .779 No_date   13:56   27.52 .372
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
002:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:240           40.30    .896 No_date   13:08   29.93 .405
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
002:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:245           9.00     .352 No_date   12:26   29.52 .399
     [CN= 75.0: N= 3.00]
     [Tp=  .50:DT= 2.00]
002:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    .557 No_date   13:00   23.88 .323
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
002:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    1.290 No_date   13:10   24.89 .336
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
002:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    .557 No_date   13:00   23.88  n/a
                   +   02:260           71.50    1.290 No_date   13:10   24.89  n/a
     [DT= 2.00]  SUM=  03:535          100.90    1.842 No_date   13:06   24.60  n/a
002:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:265            1.50     .153 No_date   12:00   38.80 .524
     [XIMP=.34:TIMP=.34]
     [LOSS= 2 :CN= 64.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
002:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .080 No_date   12:00   59.82 .809
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
002:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:265            1.50     .153 No_date   12:00   38.80  n/a
                   +   02:275             .40     .080 No_date   12:00   59.82  n/a
     [DT= 2.00]  SUM=  04:538           1.90     .233 No_date   12:00   43.22  n/a
002:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:250            1.12     .133 No_date   12:00   40.56 .548
     [XIMP=.44:TIMP=.44]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
002:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:250            1.12     .133 No_date   12:00   40.56  n/a
                   +   03:535          100.90    1.842 No_date   13:06   24.60  n/a
                   +   04:538            1.90     .233 No_date   12:00   43.22  n/a
     [DT= 2.00]  SUM=  05:540          103.92    1.873 No_date   13:06   25.11  n/a
002:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:251             .56     .113 No_date   12:00   65.37 .884
     [XIMP=.88:TIMP=.88]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
002:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:251             .56     .113 No_date   12:00   65.37  n/a
                   +   05:540          103.92    1.873 No_date   13:06   25.11  n/a
     [DT= 2.00]  SUM=  06:545          104.48    1.880 No_date   13:04   25.33  n/a
002:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:270           18.30     .531 No_date   12:34   25.64 .347
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
 ** END OF RUN :   2

********************************************************************************



 RUN:COMMAND#
 003:0001--------------------------------------------------------------------------------
    START
     [TZERO =    .00 hrs on        0]
     [METOUT=   2    (1=imperial, 2=metric output)]
     [NSTORM=   1 ]
     [NRUN  =   3 ]
#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : 17-02-2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 003:0002--------------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT=  86.02]
 003:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .256 No_date   12:46   25.82 .300
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
 003:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00     .947 No_date   12:24   33.24 .386
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
```

```
003:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00     .947 No_date   12:24   33.24  n/a
       Major System /  04:220-1          1.05     .227 No_date   12:24   33.24  n/a
       Minor System \  05:220-2         19.95     .720 No_date   12:08   33.24  n/a
003:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .256 No_date   12:46   25.82  n/a
                   +   05:220-2         19.95     .720 No_date   12:08   33.24  n/a
     [DT= 2.00]  SUM=  03:515           30.55     .976 No_date   12:46   30.66  n/a
003:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .460 No_date   12:00   41.65 .484
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
003:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .460 No_date   12:00   41.65  n/a
                   +   03:515           30.55     .976 No_date   12:46   30.66  n/a
     [DT= 2.00]  SUM=  02:520           35.25    1.146 No_date   12:08   32.13  n/a
003:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .568 No_date   12:02   69.20 .804
     [XIMP=.76:TIMP=.76]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
003:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           35.25    1.146 No_date   12:08   32.13  n/a
                   +   03:205            3.21     .568 No_date   12:02   69.20  n/a
     [DT= 2.00]  SUM=  04:521           38.46    1.604 No_date   12:02   35.22  n/a
003:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:521           38.46    1.604 No_date   12:02   35.22  n/a
     {ST=    .011 ha.m   to control at      1.600  (cms)}
003:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00    1.006 No_date   12:00   44.25 .514
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
003:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.006 No_date   12:00   44.25  n/a
       Major System /  02:200-01          .14     .196 No_date   12:00   44.25  n/a
       Minor System \  03:200-02         8.86     .810 No_date   11:56   44.25  n/a
003:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .310 No_date   12:00   68.57 .797
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
003:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .310 No_date   12:00   68.57  n/a
                   +   02:200-01          .14     .196 No_date   12:00   44.25  n/a
     [DT= 2.00]  SUM=  05:522           1.74     .506 No_date   12:00   66.59  n/a
003:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           38.46    1.604 No_date   12:02   35.22  n/a
                   +   05:522            1.74     .506 No_date   12:00   66.59  n/a
     [DT= 2.00]  SUM=  06:525           40.20    2.033 No_date   12:02   36.58  n/a
003:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:225            2.65     .527 No_date   12:00   64.14 .746
     [XIMP=.66:TIMP=.66]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
003:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:230             .81     .109 No_date   12:00   50.05 .582
     [XIMP=.26:TIMP=.26]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
003:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:225            2.65     .527 No_date   12:00   64.14  n/a
                   +   03:230             .81     .109 No_date   12:00   50.05  n/a
     [DT= 2.00]  SUM=  04:530            3.46     .636 No_date   12:00   60.84  n/a
003:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:530            3.46     .636 No_date   12:00   60.84  n/a
     {ST=    .211 ha.m   to control at       .000  (cms)}
003:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:530            3.46     .636 No_date   12:00   60.84  n/a
     [RDT= 2.00] out<- 05:805            3.46     .403 No_date   12:04   60.84  n/a
    {MxStoUsed=.3348E-01}
003:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:235           55.20    1.017 No_date   13:54   35.60 .414
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
003:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:240           40.30    1.163 No_date   13:06   38.51 .448
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
003:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:245            9.00     .459 No_date   12:24   38.07 .443
     [CN= 75.0: N= 3.00]
     [Tp=  .50:DT= 2.00]
003:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40     .737 No_date   13:00   31.26 .363
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
003:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    1.699 No_date   13:08   32.46 .377
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
003:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40     .737 No_date   13:00   31.26  n/a
                   +   02:260           71.50    1.699 No_date   13:08   32.46  n/a
     [DT= 2.00]  SUM=  03:535          100.90    2.429 No_date   13:06   32.11  n/a
003:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:265            1.50     .189 No_date   12:00   47.37 .551
     [XIMP=.34:TIMP=.34]
     [LOSS= 2 :CN= 64.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
003:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .096 No_date   12:00   70.82 .823
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
003:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:265            1.50     .189 No_date   12:00   47.37  n/a
                   +   02:275             .40     .096 No_date   12:00   70.82  n/a
     [DT= 2.00]  SUM=  04:538            1.90     .285 No_date   12:00   52.31  n/a
003:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:250            1.12     .159 No_date   12:00   48.83 .568
     [XIMP=.44:TIMP=.44]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
003:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:250            1.12     .159 No_date   12:00   48.83  n/a
                   +   03:535          100.90    2.429 No_date   13:06   32.11  n/a
                   +   04:538            1.90     .285 No_date   12:00   52.31  n/a
     [DT= 2.00]  SUM=  05:540          103.92    2.466 No_date   13:04   32.66  n/a
003:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:251             .56     .137 No_date   12:00   76.62 .891
     [XIMP=.88:TIMP=.88]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
003:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:251             .56     .137 No_date   12:00   76.62  n/a
                   +   05:540          103.92    2.466 No_date   13:04   32.66  n/a
     [DT= 2.00]  SUM=  06:545          104.48    2.474 No_date   13:04   32.90  n/a
003:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:270           18.30     .698 No_date   12:34   33.37 .388
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
 ** END OF RUN :   3

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```

```
 RUN:COMMAND#
 004:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   4 ]
#*****************************************************************************
#  Project Name: [Trafalgar Road EA]                 Project Number: [3214006]
#  Date        : 17-02-2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 004:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 101.00]
 004:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .346 No_date   12:46   34.54 .342
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 004:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.252 No_date   12:24   43.56 .431
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 004:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.252 No_date   12:24   43.56  n/a
        Major System /  04:220-1          2.61     .532 No_date   12:24   43.56  n/a
        Minor System \  05:220-2         18.39     .720 No_date   12:04   43.56  n/a
 004:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .346 No_date   12:46   34.54  n/a
                      + 05:220-2         18.39     .720 No_date   12:04   43.56  n/a
      [DT= 2.00]  SUM=  03:515           28.99    1.066 No_date   12:46   40.26  n/a
 004:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .601 No_date   12:00   52.22 .517
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 004:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .601 No_date   12:00   52.22  n/a
                      + 03:515           28.99    1.066 No_date   12:46   40.26  n/a
      [DT= 2.00]  SUM=  02:520           33.69    1.388 No_date   12:02   41.93  n/a
 004:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .688 No_date   12:02   82.37 .816
      [XIMP=.76:TIMP=.76]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 004:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           33.69    1.388 No_date   12:02   41.93  n/a
                      + 03:205            3.21     .688 No_date   12:02   82.37  n/a
      [DT= 2.00]  SUM=  04:521           36.90    2.076 No_date   12:02   45.45  n/a
 004:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     04:521           36.90    2.076 No_date   12:02   45.45  n/a
      {ST=    .075 ha.m   to control at      1.600  (cms)}
 004:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.261 No_date   12:00   54.66 .541
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 004:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00    1.261 No_date   12:00   54.66  n/a
        Major System /  02:200-01          .39     .451 No_date   12:00   54.66  n/a
        Minor System \  03:200-02         8.61     .810 No_date   11:54   54.66  n/a
 004:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .373 No_date   12:00   81.66 .809
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
 004:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .373 No_date   12:00   81.66  n/a
                      + 02:200-01          .39     .451 No_date   12:00   54.66  n/a
      [DT= 2.00]  SUM=  05:522           1.99     .825 No_date   12:00   76.41  n/a
 004:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521          36.90    2.076 No_date   12:02   45.45  n/a
                      + 05:522           1.99     .825 No_date   12:00   76.41  n/a
      [DT= 2.00]  SUM=  06:525          38.89    2.808 No_date   12:02   47.03  n/a
 004:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:225            2.65     .633 No_date   12:00   76.86 .761
      [XIMP=.66:TIMP=.66]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
 004:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:230             .81     .145 No_date   12:00   62.21 .616
      [XIMP=.26:TIMP=.26]
      [LOSS= 2 :CN= 74.0]
      [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
 004:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:225            2.65     .633 No_date   12:00   76.86  n/a
                      + 03:230             .81     .145 No_date   12:00   62.21  n/a
      [DT= 2.00]  SUM=  04:530           3.46     .777 No_date   12:00   73.43  n/a
 004:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     04:530            3.46     .777 No_date   12:00   73.43  n/a
      {ST=    .254 ha.m   to control at       .000  (cms)}
 004:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 04:530            3.46     .777 No_date   12:00   73.43  n/a
      [RDT= 2.00] out<- 05:805            3.46     .494 No_date   12:04   73.43  n/a
     {MxStoUsed=.4108E-01}
 004:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:235           55.20    1.334 No_date   13:54   46.35 .459
      [CN= 72.0: N= 3.00]
      [Tp= 1.77:DT= 2.00]
 004:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:240           40.30    1.517 No_date   13:06   49.84 .493
      [CN= 75.0: N= 3.00]
      [Tp= 1.10:DT= 2.00]
 004:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:245            9.00     .600 No_date   12:24   49.38 .489
      [CN= 75.0: N= 3.00]
      [Tp=  .50:DT= 2.00]
 004:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:255           29.40     .979 No_date   12:58   41.17 .408
      [CN= 68.0: N= 3.00]
      [Tp=  .98:DT= 2.00]
 004:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:260           71.50    2.249 No_date   13:08   42.60 .422
      [CN= 69.0: N= 3.00]
      [Tp= 1.11:DT= 2.00]
 004:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:255           29.40     .979 No_date   12:58   41.17  n/a
                      + 02:260           71.50    2.249 No_date   13:08   42.60  n/a
      [DT= 2.00]  SUM=  03:535          100.90    3.220 No_date   13:04   42.18  n/a
 004:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:265            1.50     .239 No_date   12:00   58.53 .580
      [XIMP=.34:TIMP=.34]
      [LOSS= 2 :CN= 64.0]
      [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
 004:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
  *  CALIB STANDHYD     02:275             .40     .114 No_date   12:00   84.69 .838
      [XIMP=.70:TIMP=.70]
      [LOSS= 2 :CN= 74.0]
      [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
 004:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:265            1.50     .239 No_date   12:00   58.53  n/a
                      + 02:275             .40     .114 No_date   12:00   84.69  n/a
      [DT= 2.00]  SUM=  04:538           1.90     .353 No_date   12:00   64.04  n/a
 004:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
```

```
     CALIB STANDHYD     02:250            1.12     .194 No_date   12:00   59.53 .589
      [XIMP=.44:TIMP=.44]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
 004:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:250            1.12     .194 No_date   12:00   59.53  n/a
                    +   03:535          100.90    3.220 No_date   13:04   42.18  n/a
                    +   04:538            1.90     .353 No_date   12:00   64.04  n/a
      [DT= 2.00]  SUM=  05:540          103.92    3.264 No_date   13:04   42.77  n/a
 004:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:251             .56     .163 No_date   12:00   90.70 .898
      [XIMP=.88:TIMP=.88]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
 004:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:251             .56     .163 No_date   12:00   90.70  n/a
                    +   05:540          103.92    3.264 No_date   13:04   42.77  n/a
      [DT= 2.00]  SUM=  06:545          104.48    3.274 No_date   13:02   43.03  n/a
 004:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       07:270           18.30     .922 No_date   12:32   43.70 .433
      [CN= 70.0: N= 3.00]
      [Tp=  .61:DT= 2.00]
  ** END OF RUN :   4

*******************************************************************************




 RUN:COMMAND#
 005:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   5 ]
 #*******************************************************************************
 #  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
 #  Date        : 17-02-2016
 #  Modeller    : [LS/MB]
 #  Company     : MMM Group
 #  License #   : 4313781
 005:0002--------------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  24.00:PTOT= 113.01]
 005:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60     .424 No_date   12:44   42.04 .372
      [CN= 62.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
 005:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    1.511 No_date   12:24   52.30 .463
      [CN= 70.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
 005:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    1.511 No_date   12:24   52.30  n/a
        Major System /  04:220-1          3.68     .791 No_date   12:24   52.30  n/a
        Minor System \  05:220-2         17.32     .720 No_date   12:00   52.30  n/a
 005:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60     .424 No_date   12:44   42.04  n/a
                    +   05:220-2         17.32     .720 No_date   12:00   52.30  n/a
      [DT= 2.00]  SUM=  03:515           27.92    1.144 No_date   12:44   48.40  n/a
 005:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .739 No_date   12:00   61.08 .541
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 63.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
 005:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .739 No_date   12:00   61.08  n/a
                    +   03:515           27.92    1.144 No_date   12:44   48.40  n/a
      [DT= 2.00]  SUM=  02:520           32.62    1.584 No_date   12:00   50.23  n/a
 005:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .789 No_date   12:02   93.05 .823
      [XIMP=.76:TIMP=.76]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
 005:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           32.62    1.584 No_date   12:00   50.23  n/a
                    +   03:205            3.21     .789 No_date   12:02   93.05  n/a
      [DT= 2.00]  SUM=  04:521           35.83    2.372 No_date   12:02   54.07  n/a
 005:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     04:521           35.83    2.372 No_date   12:02   54.07  n/a
      {ST=    .125 ha.m   to control at      1.600  (cms)}
 005:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.462 No_date   12:00   63.35 .561
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 57.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
 005:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00    1.462 No_date   12:00   63.35  n/a
        Major System /  02:200-01          .58     .652 No_date   12:00   63.35  n/a
        Minor System \  03:200-02         8.42     .810 No_date   11:52   63.35  n/a
 005:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .427 No_date   12:00   92.29 .817
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 54.0]
      [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
 005:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .427 No_date   12:00   92.29  n/a
                    +   02:200-01          .58     .652 No_date   12:00   63.35  n/a
      [DT= 2.00]  SUM=  05:522           2.18    1.079 No_date   12:00   84.59  n/a
 005:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521           35.83    2.372 No_date   12:02   54.07  n/a
                    +   05:522           2.18    1.079 No_date   12:00   84.59  n/a
      [DT= 2.00]  SUM=  06:525           38.01    3.434 No_date   12:00   55.82  n/a
 005:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:225            2.65     .727 No_date   12:00   87.22 .772
      [XIMP=.66:TIMP=.66]
      [LOSS= 2 :CN= 59.0]
      [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
 005:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:230             .81     .170 No_date   12:00   72.27 .640
      [XIMP=.26:TIMP=.26]
      [LOSS= 2 :CN= 74.0]
      [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
 005:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:225            2.65     .727 No_date   12:00   87.22  n/a
                    +   03:230             .81     .170 No_date   12:00   72.27  n/a
      [DT= 2.00]  SUM=  04:530           3.46     .897 No_date   12:00   83.72  n/a
 005:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE VOLUME     04:530           3.46     .897 No_date   12:00   83.72  n/a
      {ST=    .290 ha.m   to control at      .000  (cms)}
 005:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ROUTE RESERVOIR -> 04:530           3.46     .897 No_date   12:00   83.72  n/a
      [RDT= 2.00] out<- 05:805           3.46     .567 No_date   12:02   83.72  n/a
     {MxStoUsed=.4682E-01}
 005:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:235           55.20    1.602 No_date   13:52   55.41 .490
      [CN= 72.0: N= 3.00]
      [Tp= 1.77:DT= 2.00]
 005:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       03:240           40.30    1.814 No_date   13:06   59.34 .525
      [CN= 75.0: N= 3.00]
      [Tp= 1.10:DT= 2.00]
 005:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       05:245            9.00     .718 No_date   12:24   58.85 .521
      [CN= 75.0: N= 3.00]
      [Tp=  .50:DT= 2.00]
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005:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    1.187 No_date   12:58   49.61 .439
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
005:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    2.718 No_date   13:08   51.20 .453
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
005:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    1.187 No_date   12:58   49.61  n/a
                   +  02:260           71.50    2.718 No_date   13:08   51.20  n/a
     [DT= 2.00]  SUM=  03:535          100.90    3.894 No_date   13:04   50.73  n/a
005:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:265            1.50     .285 No_date   12:00   67.81 .600
     [XIMP=.34:TIMP=.34]
     [LOSS= 2 :CN= 64.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
005:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .130 No_date   12:00   95.92 .849
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
005:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:265            1.50     .285 No_date   12:00   67.81  n/a
                   +  02:275             .40     .130 No_date   12:00   95.92  n/a
     [DT= 2.00]  SUM=  04:538            1.90     .415 No_date   12:00   73.73  n/a
005:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:250            1.12     .225 No_date   12:00   68.39 .605
     [XIMP=.44:TIMP=.44]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
005:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:250            1.12     .225 No_date   12:00   68.39  n/a
                   +  03:535          100.90    3.894 No_date   13:04   50.73  n/a
                   +  04:538            1.90     .415 No_date   12:00   73.73  n/a
     [DT= 2.00]  SUM=  05:540          103.92    3.944 No_date   13:04   51.34  n/a
005:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:251             .56     .184 No_date   12:00  102.04 .903
     [XIMP=.88:TIMP=.88]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
005:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:251             .56     .184 No_date   12:00  102.04  n/a
                   +  05:540          103.92    3.944 No_date   13:04   51.34  n/a
     [DT= 2.00]  SUM=  06:545          104.48    3.955 No_date   13:02   51.62  n/a
005:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:270           18.30    1.113 No_date   12:32   52.45 .464
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
  ** END OF RUN :   5

**********************************************************************************




 RUN:COMMAND#
 006:0001--------------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   6 ]
#*********************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : 17-02-2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
```

```
006:0002--------------------------------------------------------------------------------
    READ STORM
     Filename = STORM.001
     Comment  =
     [SDT=10.00:SDUR=  24.00:PTOT= 122.00]
006:0003--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:215           10.60     .485 No_date   12:44   47.92 .393
     [CN= 62.0: N= 3.00]
     [Tp=  .78:DT= 2.00]
006:0004--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:220           21.00    1.713 No_date   12:22   59.07 .484
     [CN= 70.0: N= 3.00]
     [Tp=  .48:DT= 2.00]
006:0005--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    02:220           21.00    1.713 No_date   12:22   59.07  n/a
       Major System /  04:220-1          4.39     .993 No_date   12:22   59.07  n/a
       Minor System \  05:220-2         16.61     .720 No_date   12:00   59.07  n/a
006:0006--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:215           10.60     .485 No_date   12:44   47.92  n/a
                   +  05:220-2         16.61     .720 No_date   12:00   59.07  n/a
     [DT= 2.00]  SUM=  03:515           27.21    1.205 No_date   12:44   54.73  n/a
006:0007--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:210            4.70     .828 No_date   12:00   67.91 .557
     [XIMP=.23:TIMP=.27]
     [LOSS= 2 :CN= 63.0]
     [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
006:0008--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:210            4.70     .828 No_date   12:00   67.91  n/a
                   +  03:515           27.21    1.205 No_date   12:44   54.73  n/a
     [DT= 2.00]  SUM=  02:520           31.91    1.695 No_date   12:02   56.67  n/a
006:0009--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:205            3.21     .863 No_date   12:02  101.11 .829
     [XIMP=.76:TIMP=.76]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
006:0010--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:520           31.91    1.695 No_date   12:02   56.67  n/a
                   +  03:205            3.21     .863 No_date   12:02  101.11  n/a
     [DT= 2.00]  SUM=  04:521           35.12    2.558 No_date   12:02   60.73  n/a
006:0011--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:521           35.12    2.558 No_date   12:02   60.73  n/a
     {ST=    .177 ha.m   to control at      1.600  (cms)}
006:0012--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-0          9.00    1.657 No_date   12:00   70.03 .574
     [XIMP=.34:TIMP=.37]
     [LOSS= 2 :CN= 57.0]
     [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
006:0013--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE DUALHYD    01:200-0          9.00    1.657 No_date   12:00   70.03  n/a
       Major System /  02:200-01          .80     .847 No_date   12:00   70.03  n/a
       Minor System \  03:200-02         8.20     .810 No_date   11:48   70.03  n/a
006:0014--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:200-1          1.60     .467 No_date   12:00  100.30 .822
     [XIMP=.75:TIMP=.75]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
006:0015--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:200-1          1.60     .467 No_date   12:00  100.30  n/a
                   +  02:200-01          .80     .847 No_date   12:00   70.03  n/a
     [DT= 2.00]  SUM=  05:522           2.40    1.314 No_date   12:00   90.24  n/a
006:0016--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            04:521           35.12    2.558 No_date   12:02   60.73  n/a
                   +  05:522            2.40    1.314 No_date   12:00   90.24  n/a
     [DT= 2.00]  SUM=  06:525           37.52    3.850 No_date   12:00   62.62  n/a
006:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:225            2.65     .792 No_date   12:00   95.07 .779
     [XIMP=.66:TIMP=.66]
     [LOSS= 2 :CN= 59.0]
     [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
```

```
006:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     03:230             .81     .190 No_date   12:00   79.95 .655
     [XIMP=.26:TIMP=.26]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
006:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:225            2.65     .792 No_date   12:00   95.07  n/a
                   +   03:230             .81     .190 No_date   12:00   79.95  n/a
     [DT= 2.00]  SUM=  04:530            3.46     .982 No_date   12:00   91.53  n/a
006:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    COMPUTE VOLUME     04:530            3.46     .982 No_date   12:00   91.53  n/a
     {ST=    .317 ha.m   to control at       .000  (cms)}
006:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:530            3.46     .982 No_date   12:00   91.53  n/a
     [RDT= 2.00] out<- 05:805            3.46     .652 No_date   12:02   91.53  n/a
    {MxStoUsed=.5100E-01}
006:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:235           55.20    1.810 No_date   13:52   62.41 .512
     [CN= 72.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
006:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:240           40.30    2.042 No_date   13:06   66.64 .546
     [CN= 75.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
006:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:245            9.00     .809 No_date   12:24   66.15 .542
     [CN= 75.0: N= 3.00]
     [Tp=  .50:DT= 2.00]
006:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    1.349 No_date   12:58   56.16 .460
     [CN= 68.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
006:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    3.083 No_date   13:06   57.87 .474
     [CN= 69.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
006:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    1.349 No_date   12:58   56.16  n/a
                   +   02:260           71.50    3.083 No_date   13:06   57.87  n/a
     [DT= 2.00]  SUM=  03:535          100.90    4.419 No_date   13:04   57.37  n/a
006:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:265            1.50     .316 No_date   12:00   74.92 .614
     [XIMP=.34:TIMP=.34]
     [LOSS= 2 :CN= 64.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
006:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
 *  CALIB STANDHYD     02:275             .40     .143 No_date   12:00  104.40 .856
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 74.0]
     [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
006:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:265            1.50     .316 No_date   12:00   74.92  n/a
                   +   02:275             .40     .143 No_date   12:00  104.40  n/a
     [DT= 2.00]  SUM=  04:538            1.90     .459 No_date   12:00   81.12  n/a
006:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:250            1.12     .247 No_date   12:00   75.18 .616
     [XIMP=.44:TIMP=.44]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
006:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:250            1.12     .247 No_date   12:00   75.18  n/a
                   +   03:535          100.90    4.419 No_date   13:04   57.37  n/a
                   +   04:538            1.90     .459 No_date   12:00   81.12  n/a
     [DT= 2.00]  SUM=  05:540          103.92    4.474 No_date   13:02   58.00  n/a
006:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:251             .56     .200 No_date   12:00  110.56 .906
     [XIMP=.88:TIMP=.88]
     [LOSS= 2 :CN= 54.0]
     [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
006:0034--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:251             .56     .200 No_date   12:00  110.56  n/a
                   +   05:540          103.92    4.474 No_date   13:02   58.00  n/a
     [DT= 2.00]  SUM=  06:545          104.48    4.486 No_date   13:02   58.28  n/a
006:0035--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:270           18.30    1.261 No_date   12:32   59.23 .485
     [CN= 70.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
006:0002--------------------------------------------------------------------------------
     FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------

   Simulation ended on 2016-02-25     at 11:21:20
================================================================================
```

```
================================================================================

   SSSSS  W   W  M   M  H   H  Y   Y  M   M   OOO        999    999    =========
   S      W W W  MM MM  H   H   Y Y   MM MM  O   O      9   9  9   9
   SSSSS  W W W  M M M  HHHHH    Y    M M M  O   O  ##  9   9  9   9   Ver  4.05
       S   W W   M   M  H   H    Y    M   M  O   O       9999   9999   Sept 2011
   SSSSS   W W   M   M  H   H    Y    M   M   OOO           9      9   =========
                                                         9   9  9   9   # 4313781
        StormWater Management HYdrologic Model           999    999    =========

 ********************************************************************************
 ***************************** SWMHYMO Ver/4.05  ********************************
 *********  A single event and continuous hydrologic simulation model  *********
 *********     based on the principles of HYMO and its successors      *********
 *********                  OTTHYMO-83 and OTTHYMO-89.                  *********
 ********************************************************************************
 ********* Distributed by:  J.F. Sabourin and Associates Inc.           *********
 *********                  Ottawa,  Ontario: (613) 836-3884            *********
 *********                  Gatineau, Quebec: (819) 243-6858            *********
 *********                  E-Mail: swmhymo@jfsa.Com                    *********
 ********************************************************************************

 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++
 +++++++++ Licensed user: McCormick Rankin Corporation                 +++++++++
 +++++++++                Kitchener            SERIAL#:4313781        +++++++++
 ++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++++

 ********************************************************************************
 *********           ++++++ PROGRAM ARRAY DIMENSIONS ++++++             *********
 *********           Maximum value for ID numbers  :     10            *********
 *********           Max. number of rainfall points: 105408            *********
 *********           Max. number of flow points    : 105408            *********
 ********************************************************************************

 ***** DESCRIPTION SUMMARY TABLE HEADERS (units depend on METOUT in START) *****
 *****------------------------------------------------------------------*****
 *****    ID:  Hydrograph IDentification numbers, (1-10).                *****
 *****  NHYD:  Hydrograph reference numbers, (6 digits or characters).   *****
 *****  AREA:  Drainage area associated with hydrograph, (ac.) or (ha.). *****
 ***** QPEAK:  Peak flow of simulated hydrograph, (ft^3/s) or (m^3/s).   *****
 ***** TpeakDate_hh:mm is the date and time of the peak flow.            *****
 *****  R.V.:  Runoff Volume of simulated hydrograph, (in) or (mm).      *****
 *****  R.C.:  Runoff Coefficient of simulated hydrograph, (ratio).      *****
 *****     *:  see WARNING or NOTE message printed at end of run.        *****
 *****    **:  see  ERROR  message printed at end of run.                *****
 ********************************************************************************
 ********************************************************************************

::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::::

 ********************************************************************************

 **********************   S U M M A R Y   O U T P U T   **********************
 ********************************************************************************
 *         DATE: 2016-02-25     TIME: 11:21:34     RUN COUNTER: 000589         *
 ********************************************************************************
 * Input   filename: C:\SWMHYMO\Trafalgr\PrC\CV_P_C_H.dat                       *
 * Output  filename: C:\SWMHYMO\Trafalgr\PrC\CV_P_C_H.out                       *
 * Summary filename: C:\SWMHYMO\Trafalgr\PrC\CV_P_C_H.sum                       *
 * User comments:                                                               *
 * 1:_____________________________________________________________________________*
 * 2:_____________________________________________________________________________*
 * 3:_____________________________________________________________________________*
 ********************************************************************************


#*******************************************************************************
#  Project Name: [Trafalgar Road EA]                  Project Number: [3214006]
#  Date        : 17-02-2016
#  Modeller    : [LS/MB]
#  Company     : MMM Group
#  License #   : 4313781
 RUN:COMMAND#
 001:0001----------------------------------------------------------------------------
     START
      [TZERO =    .00 hrs on        0]
      [METOUT=   2    (1=imperial, 2=metric output)]
      [NSTORM=   1 ]
      [NRUN  =   1 ]
001:0002----------------------------------------------------------------------------
     READ STORM
      Filename = STORM.001
      Comment  =
      [SDT=10.00:SDUR=  12.00:PTOT= 212.00]
001:0003---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       01:215           10.60    1.091 No_date   10:56  152.90 .721
      [CN= 79.0: N= 3.00]
      [Tp=  .78:DT= 2.00]
001:0004---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB NASHYD       02:220           21.00    2.584 No_date   10:16  168.22 .793
      [CN= 85.0: N= 3.00]
      [Tp=  .48:DT= 2.00]
001:0005---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    02:220           21.00    2.584 No_date   10:16  168.22  n/a
        Major System /  04:220-1          8.09    1.864 No_date   10:16  168.22  n/a
        Minor System \  05:220-2         12.91     .720 No_date    6:26  168.22  n/a
001:0006---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:215           10.60    1.091 No_date   10:56  152.90  n/a
                      +  05:220-2         12.91     .720 No_date    6:26  168.22  n/a
      [DT= 2.00]  SUM=  03:515           23.51    1.811 No_date   10:56  161.31  n/a
001:0007---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:210            4.70     .629 No_date   10:00  171.14 .807
      [XIMP=.23:TIMP=.27]
      [LOSS= 2 :CN= 80.0]
      [Pervious     area: IAper= 6.20:SLPP=2.00:LGP=  40.:MNP=.290:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 177.:MNI=.015:SCI=   .0]
001:0008---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:210            4.70     .629 No_date   10:00  171.14  n/a
                      +  03:515           23.51    1.811 No_date   10:56  161.31  n/a
      [DT= 2.00]  SUM=  02:520           28.21    2.288 No_date   10:52  162.95  n/a
001:0009---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     03:205            3.21     .447 No_date   10:00  194.40 .917
      [XIMP=.76:TIMP=.76]
      [LOSS= 2 :CN= 74.0]
      [Pervious     area: IAper= 4.60:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 720.:MNI=.015:SCI=   .0]
001:0010---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            02:520           28.21    2.288 No_date   10:52  162.95  n/a
                      +  03:205            3.21     .447 No_date   10:00  194.40  n/a
      [DT= 2.00]  SUM=  04:521           31.42    2.648 No_date   10:08  166.16  n/a
001:0011---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-0          9.00    1.168 No_date   10:00  168.35 .794
      [XIMP=.34:TIMP=.37]
      [LOSS= 2 :CN= 75.0]
      [Pervious     area: IAper= 7.50:SLPP=2.00:LGP=  40.:MNP=.330:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 245.:MNI=.015:SCI=   .0]
001:0012---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     COMPUTE DUALHYD    01:200-0          9.00    1.168 No_date   10:00  168.35  n/a
        Major System /  02:200-01          .72     .358 No_date   10:00  168.35  n/a
        Minor System \  03:200-02         8.28     .810 No_date    9:20  168.35  n/a
001:0013---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     01:200-1          1.60     .224 No_date   10:00  193.16 .911
      [XIMP=.75:TIMP=.75]
      [LOSS= 2 :CN= 73.0]
      [Pervious     area: IAper= 4.70:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
      [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 460.:MNI=.015:SCI=   .0]
001:0014---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            01:200-1          1.60     .224 No_date   10:00  193.16  n/a
                      +  02:200-01          .72     .358 No_date   10:00  168.35  n/a
      [DT= 2.00]  SUM=  05:522           2.32     .582 No_date   10:00  185.48  n/a
001:0015---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     ADD HYD            04:521           31.42    2.648 No_date   10:08  166.16  n/a
                      +  05:522           2.32     .582 No_date   10:00  185.48  n/a
      [DT= 2.00]  SUM=  06:525           33.74    3.209 No_date   10:02  167.49  n/a
001:0016---------------ID:NHYD-----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
     CALIB STANDHYD     02:225            2.65     .370 No_date   10:00  190.13 .897
      [XIMP=.66:TIMP=.66]
      [LOSS= 2 :CN= 77.0]
```

```
     [Pervious     area: IAper= 4.90:SLPP=2.00:LGP=  40.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 133.:MNI=.015:SCI=   .0]
001:0017--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     03:230             .81     .115 No_date   10:00  185.39 .874
     [XIMP=.26:TIMP=.26]
     [LOSS= 2 :CN= 88.0]
     [Pervious     area: IAper= 5.60:SLPP=2.00:LGP=  40.:MNP=.270:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  73.:MNI=.015:SCI=   .0]
001:0018--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:225            2.65     .370 No_date   10:00  190.13  n/a
                     + 03:230             .81     .115 No_date   10:00  185.39  n/a
     [DT= 2.00]  SUM=  04:530            3.46     .484 No_date   10:00  189.02  n/a
001:0019--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ROUTE RESERVOIR -> 04:530            3.46     .484 No_date   10:00  189.02  n/a
     [RDT= 2.00] out<- 05:805            3.46     .466 No_date   10:02  189.02  n/a
    {MxStoUsed=.3854E-01}
001:0020--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:235           55.20    4.529 No_date   11:50  171.27 .808
     [CN= 86.0: N= 3.00]
     [Tp= 1.77:DT= 2.00]
001:0021--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       03:240           40.30    4.072 No_date   11:14  175.86 .830
     [CN= 88.0: N= 3.00]
     [Tp= 1.10:DT= 2.00]
001:0022--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       05:245            9.00    1.121 No_date   10:16  175.27 .827
     [CN= 88.0: N= 3.00]
     [Tp=  .50:DT= 2.00]
001:0023--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       01:255           29.40    2.994 No_date   11:10  165.57 .781
     [CN= 84.0: N= 3.00]
     [Tp=  .98:DT= 2.00]
001:0024--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       02:260           71.50    6.997 No_date   11:16  166.05 .783
     [CN= 84.0: N= 3.00]
     [Tp= 1.11:DT= 2.00]
001:0025--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:255           29.40    2.994 No_date   11:10  165.57  n/a
                     + 02:260           71.50    6.997 No_date   11:16  166.05  n/a
     [DT= 2.00]  SUM=  03:535          100.90    9.982 No_date   11:14  165.91  n/a
001:0026--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:265            1.50     .204 No_date   10:00  176.61 .833
     [XIMP=.34:TIMP=.34]
     [LOSS= 2 :CN= 81.0]
     [Pervious     area: IAper= 6.40:SLPP=2.00:LGP=  40.:MNP=.340:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 100.:MNI=.015:SCI=   .0]
001:0027--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:275             .40     .058 No_date   10:00  200.79 .947
     [XIMP=.70:TIMP=.70]
     [LOSS= 2 :CN= 88.0]
     [Pervious     area: IAper= 3.00:SLPP=2.00:LGP=  20.:MNP=.310:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  52.:MNI=.015:SCI=   .0]
001:0028--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:265            1.50     .204 No_date   10:00  176.61  n/a
                     + 02:275             .40     .058 No_date   10:00  200.79  n/a
     [DT= 2.00]  SUM=  04:538            1.90     .263 No_date   10:00  181.70  n/a
001:0029--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     02:250            1.12     .147 No_date   10:00  171.17 .807
     [XIMP=.44:TIMP=.44]
     [LOSS= 2 :CN= 73.0]
     [Pervious     area: IAper= 6.90:SLPP=2.00:LGP=  40.:MNP=.360:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI=  86.:MNI=.015:SCI=   .0]
001:0030--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            02:250            1.12     .147 No_date   10:00  171.17  n/a
                     + 03:535          100.90    9.982 No_date   11:14  165.91  n/a
                     + 04:538            1.90     .263 No_date   10:00  181.70  n/a
     [DT= 2.00]  SUM=  05:540          103.92   10.169 No_date   11:10  166.25  n/a
001:0031--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB STANDHYD     01:251             .56     .081 No_date   10:00  201.95 .953
     [XIMP=.88:TIMP=.88]
     [LOSS= 2 :CN= 73.0]
     [Pervious     area: IAper= 4.40:SLPP=2.00:LGP=  15.:MNP=.350:SCP=   .0]
     [Impervious   area: IAimp= 2.00:SLPI=1.00:LGI= 260.:MNI=.015:SCI=   .0]
001:0032--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    ADD HYD            01:251             .56     .081 No_date   10:00  201.95  n/a
                     + 05:540          103.92   10.169 No_date   11:10  166.25  n/a
     [DT= 2.00]  SUM=  06:545          104.48   10.202 No_date   11:10  166.45  n/a
001:0033--------------ID:NHYD----------AREA----QPEAK-TpeakDate_hh:mm----R.V.-R.C.-
    CALIB NASHYD       07:270           18.30    2.112 No_date   10:28  168.41 .794
     [CN= 85.0: N= 3.00]
     [Tp=  .61:DT= 2.00]
001:0034--------------------------------------------------------------------------------
     FINISH
--------------------------------------------------------------------------------
********************************************************************************
     WARNINGS / ERRORS / NOTES
     -------------------------
   Simulation ended on 2016-02-25     at 11:21:34
================================================================================
```