

11/03/2013

C SP02/01	0.192	0.192	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP03/01	0.048	0.048	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP04/02	0.127	0.127	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP04/01	0.028	0.028	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP05/02	0.030	0.030	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP05/01	0.038	0.038	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP07/03	0.026	0.026	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP07/02	0.026	0.026	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP08/01	0.371	0.371	0.000	3.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP09/01	0.436	0.436	0.000	3.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP10/01	0.425	0.425	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP11/01	0.374	0.374	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP12/07	0.009	0.009	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP12/06	0.012	0.012	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP12/05	0.009	0.009	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP12/04	0.003	0.003	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP12/03	0.021	0.021	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SP12/02	0.214	0.214	0.000	3.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C TG01/03	0.014	0.014	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C TG01/01	0.583	0.000	0.583	1.00	10.00	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
C TG02/02	0.089	0.089	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C DI02	0.030	0.030	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C DI01	0.028	0.028	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C EI04	0.056	0.056	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C EI03	0.071	0.071	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C EI02	0.001	0.001	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C EI01	0.030	0.030	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 32-01	0.320	0.320	0.000	3.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C F02	0.050	0.050	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C F01	0.038	0.038	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C GI02	0.226	0.226	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C GI01	0.022	0.022	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C HI01	0.015	0.015	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C I02	0.014	0.014	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C I01	0.003	0.003	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C KI01	0.796	0.796	0.000	5.00	2.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 24-02	0.011	0.011	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LI01	0.004	0.004	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR1/01	0.056	0.056	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C QI01	0.048	0.048	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR2/01	0.020	0.020	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR4/01	0.018	0.018	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C J02	0.055	0.055	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C J01	0.065	0.065	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR5/01	0.036	0.036	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C J03	0.029	0.029	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR6/01	0.048	0.048	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C TI01	0.021	0.021	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR7/01	0.025	0.025	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C BI02	0.023	0.023	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C BI01	0.004	0.004	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C LR8/01	0.008	0.008	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C BI03	0.026	0.026	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C MI02	0.006	0.006	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C MI01	0.025	0.025	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C OI01	0.022	0.022	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C PI04	0.014	0.014	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C PI03	0.013	0.013	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C PI02	0.005	0.005	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C PI01	0.011	0.011	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 24A-01	0.005	0.005	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C RI02	0.027	0.027	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C RI01	0.022	0.022	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SI03	0.039	0.039	0.000	1.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SI02	0.181	0.181	0.000	3.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C SI01	0.104	0.104	0.000	3.00	2.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
Outflow Volumes for Total Catchment (228 impervious + 8.16 pervious = 236 total ha)							
Storm	Total Rainfall cu.m	Total Runoff cu.m (Runoff %)	Impervious R cu.m (Runoff %)	Pervious Runoff cu.m (Runoff %)			
AR&R 100 year	60705.81	57636.10 (94.78%)	56327.68 (96.00%)	1308.42 (62.2%)			
AR&R 100 year	95871.96	92638.43 (96.62%)	90276.98 (97.22%)	2361.44 (71.1%)			
AR&R 100 year	123179.75	119806.26 (97.28%)	116638.86 (97.96%)	3167.40 (74.3%)			
AR&R 100 year	146951.28	143455.10 (97.62%)	139586.56 (97.60%)	3868.54 (76.0%)			
AR&R 100 year	166990.09	163367.53 (97.84%)	158931.31 (97.44%)	4436.22 (76.7%)			
AR&R 100 year	183885.55	180155.24 (97.94%)	175240.63 (97.42%)	4914.62 (77.2%)			
AR&R 100 year	226322.69	222331.32 (98.24%)	216209.22 (97.61%)	6122.10 (78.1%)			
AR&R 100 year	256968.28	252768.13 (98.37%)	245791.91 (97.61%)	6976.22 (78.4%)			
AR&R 100 year	301641.09	297108.25 (98.49%)	288916.66 (97.81%)	8191.59 (78.4%)			
AR&R 100 year	335235.56	330415.69 (98.57%)	321339.75 (97.95%)	9075.94 (78.2%)			
AR&R 100 year	384745.22	379385.69 (98.59%)	369092.16 (97.47%)	10293.54 (77.3%)			
PIPE DETAILS							
Name	Max Q (cu.m/s)	Max V (m/s)	Max U/S HGL (m)	Max D/S HGL (m)	Due to Storm		
P 1/24	10.823	2.86	3.927	3.908	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/23	10.823	2.86	3.908	3.889	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/22	10.823	2.86	3.889	3.716	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/21	10.823	2.86	3.716	3.688	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/20	10.823	2.86	3.688	3.596	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/19	12.359	3.27	3.432	3.333	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/18	12.359	3.27	3.333	3.302	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/17	12.359	3.27	3.302	3.161	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/16	10.897	2.88	3.120	3.053	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/15	10.897	2.88	3.053	3.002	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/14	10.897	2.88	3.002	2.973	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/13	16.901	2.35	2.720	2.697	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/12	16.901	2.35	2.697	2.673	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/11	16.901	2.35	2.644	2.535	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		

P 110	16.901	2.35	2.535	2.479	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 109	16.901	2.35	2.479	2.445	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 108	16.901	2.35	2.445	2.405	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 107	16.901	2.35	2.405	2.182	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 106	16.901	2.35	2.182	2.135	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 105	16.901	2.35	2.135	2.011	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 104	16.901	2.35	2.011	1.996	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 103	16.901	2.35	1.996	1.844	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 102	16.901	2.35	1.844	1.800	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 503	0.000	0.00	2.230	2.230	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 502	0.093	0.84	2.149	2.105	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 501	0.334	1.18	2.114	2.484	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 4617	13.270	1.64	2.472	2.462	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4616	13.270	1.62	2.462	2.447	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4615	11.366	1.39	2.423	2.416	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4614	11.366	1.41	2.408	2.398	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4613	11.366	1.41	2.398	2.363	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4612	11.366	1.39	2.363	2.357	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4611	11.366	1.39	2.357	2.342	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4610	11.366	1.69	2.162	2.143	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4609	11.367	0.88	2.140	2.136	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4608	11.367	0.88	2.133	2.119	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4607	11.367	0.88	2.116	2.111	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4606	11.394	0.88	2.101	2.097	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4605	18.112	1.41	2.047	2.026	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 4604A	18.602	1.44	2.015	1.930	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 4604	19.220	1.49	1.918	1.898	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 4603	20.013	1.55	1.885	1.841	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 4602	20.709	1.61	1.828	1.800	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 703	0.000	0.00	2.698	2.698	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 702	0.029	1.12	2.597	2.594	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 701	0.029	0.26	2.587	2.586	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 804	3.407	1.89	2.568	2.561	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 803	3.407	3.79	2.561	2.453	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 802	3.407	3.79	2.453	2.249	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 801	3.407	3.79	2.249	2.189	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 916	6.927	1.29	2.163	2.150	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 915	6.927	1.29	2.150	2.075	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 914	6.927	1.29	2.075	2.066	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 913	6.927	1.29	2.066	2.058	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 912	6.927	1.23	2.058	2.026	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 911	6.927	1.23	2.020	2.020	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 910	6.927	1.23	2.020	2.020	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 909	6.927	1.24	2.020	2.020	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 908	6.927	1.24	2.020	2.020	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 907	7.045	1.26	2.020	2.020	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 906	7.168	1.28	2.020	1.861	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 905	7.168	1.28	1.861	1.853	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 904	7.305	1.30	1.844	1.837	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 903	7.305	1.30	1.837	1.820	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 902	7.305	1.30	1.820	1.800	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 806	3.379	1.88	2.637	2.620	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 805	3.379	1.88	2.602	2.586	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1143	34.083	4.51	4.037	3.975	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1142	23.776	3.14	3.932	3.906	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1141	23.776	3.14	3.860	3.833	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1140	23.786	3.15	3.787	3.760	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1139	23.725	2.30	3.462	3.447	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1138	23.726	2.30	3.422	3.407	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1137	23.726	2.30	3.382	3.366	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1136	23.726	2.30	3.288	3.272	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1135	24.871	2.41	3.183	3.165	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1134	24.871	2.41	3.165	3.147	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1133	24.872	2.41	3.117	3.099	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1132	24.872	2.41	3.099	2.996	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1131	24.883	2.41	2.967	2.949	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1130	24.883	2.41	2.949	2.913	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1129	24.906	2.41	2.913	2.894	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1128	24.913	2.41	2.865	2.846	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1127	24.935	2.42	2.817	2.771	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1126	24.935	2.42	2.771	2.752	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1125	24.935	2.42	2.722	2.704	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1124	24.935	2.42	2.674	2.656	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1123	20.817	2.02	2.639	2.620	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1122	20.816	2.02	2.600	2.571	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1121	20.706	2.01	2.509	2.496	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1120	20.706	2.01	2.496	2.484	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1119	20.706	2.01	2.463	2.451	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1118	20.706	2.01	2.430	2.415	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1117	20.706	2.01	2.415	2.403	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1116	20.707	1.44	2.277	2.271	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1115	20.707	1.44	2.271	2.228	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1114	20.686	1.44	2.228	2.222	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1113	20.686	1.44	2.222	2.216	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1112	21.007	1.46	2.216	2.188	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1111	20.929	1.45	2.081	2.074	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1110	20.929	1.45	2.074	2.064	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1109	20.929	1.45	2.064	1.975	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1108	20.929	1.45	1.975	1.968	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1107	20.929	1.45	1.968	1.951	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1106	20.929	1.45	1.951	1.902	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1105	20.929	1.45	1.902	1.894	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1104	20.984	1.46	1.894	1.842	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1103A	21.110	1.47	1.831	1.823	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1103	21.110	1.47	1.823	1.817	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1102	21.110	1.47	1.817	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1201	0.062	1.55	3.154	3.134	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1926	0.302	2.58	3.075	3.049	AR&R 100 year (+15%CC), 1 hour storm, average 109 mm/h, Zone 1		
P 1925	0.302	2.58	3.049	3.023	AR&R 100 year (+15%CC), 1 hour storm, average 109 mm/h, Zone 1		
P 1924	0.346	2.96	2.944	2.845	AR&R 100 year (+15%CC), 1 hour storm, average 109 mm/h, Zone 1		

P 19/23	0.526	1.19	2.793	2.770	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/22	0.662	1.50	2.618	2.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/21	0.662	1.50	2.401	2.375	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/20	0.662	1.50	2.371	2.364	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/19	0.662	0.59	2.363	2.363	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/18	0.765	0.68	2.361	2.337	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/17	0.779	0.69	2.342	2.342	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/16	0.782	0.69	2.342	2.348	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/15	0.795	0.70	2.347	2.354	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 19/14	0.822	0.73	2.354	2.354	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/13	1.284	1.14	2.350	2.347	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/12	1.284	0.87	2.344	2.344	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/11	1.467	1.00	2.343	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/10	1.564	1.06	2.341	2.341	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/09	1.762	0.97	2.332	2.331	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/08	1.787	0.98	2.330	2.329	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/07	2.215	1.21	2.325	2.322	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/06	2.257	1.24	2.321	2.318	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/05	2.279	1.25	2.316	2.309	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/04	2.305	1.26	2.314	2.358	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/03	2.478	1.36	2.358	2.386	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/02	2.478	1.36	2.386	2.407	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 19/01	2.478	1.36	2.407	2.447	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 13/02	0.022	0.20	2.679	2.678	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 13/01	0.104	0.94	2.678	2.675	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 10/01	0.211	1.91	2.449	2.449	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9/18	3.535	0.66	2.449	2.449	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 9/17	3.535	0.66	2.449	2.189	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 15/04	0.000	0.00	2.967	2.967	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 15/03	0.018	0.08	2.967	2.967	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 15/02	0.018	0.08	2.967	2.806	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 15/01	0.018	0.08	2.806	2.806	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/19	3.014	0.56	2.806	2.449	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 16/03	1.672	3.78	4.401	3.541	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 16/02	1.672	3.78	3.480	3.356	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 16/01	1.672	3.78	3.356	3.272	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 17/02	0.146	3.17	2.982	2.678	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 17/01	0.488	2.25	2.370	2.354	AR&R 100 year (+15%CC), 1 hour storm, average 109 mm/h, Zone 1		
P 18/02	0.010	0.14	2.297	2.279	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 18/01	0.038	0.54	2.283	2.283	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 7/01	0.079	0.50	2.328	2.337	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/28	0.418	3.57	5.246	4.804	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19/27	0.275	2.35	4.665	3.134	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35/04	0.019	1.15	4.602	4.495	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35/03	0.019	0.17	3.529	3.528	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35/02	0.019	0.09	3.527	3.527	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35/01	0.019	0.09	3.527	3.527	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 38/14	7.244	3.22	3.474	3.451	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38/13	7.244	3.97	3.451	3.415	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38/12	7.244	3.97	3.335	3.296	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38/11	7.244	3.22	3.244	3.077	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38/10	7.434	3.30	3.022	2.985	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/09	7.434	3.30	2.930	2.868	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/08	7.434	3.30	2.868	2.834	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/07	7.434	2.92	2.834	2.805	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/06	7.434	2.92	2.805	2.718	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/05	7.434	2.92	2.718	2.656	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/04	7.434	2.92	2.656	2.565	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/03	7.434	2.92	2.565	2.503	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/02	7.434	3.89	2.503	2.207	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 38/01	7.434	3.30	2.152	2.097	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 36/03	0.083	0.29	2.131	2.121	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 36/02	0.083	0.19	2.120	2.118	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 36/01	0.141	0.22	2.114	2.111	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 38/17	7.182	7.99	4.960	4.168	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38/16	7.185	4.87	4.047	3.601	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38/15	7.229	3.21	3.549	3.527	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 39/05	0.025	1.48	4.398	4.311	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 39/04	0.035	3.42	4.136	2.368	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 39/03	0.035	1.59	2.355	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 39/02	0.288	0.25	2.342	2.341	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 39/01	0.306	0.17	2.341	2.341	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 40/03	0.201	1.82	2.349	2.347	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 40/02	0.389	0.61	2.347	2.347	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 40/01	0.264	0.29	2.345	2.345	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 41/02	0.261	0.82	2.343	2.343	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 41/01	0.317	0.35	2.343	2.343	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 42/02	0.136	0.21	2.351	2.351	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 42/01	0.160	0.25	2.346	2.345	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 43/03	0.038	0.96	2.622	2.615	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 43/02	0.074	1.04	2.620	2.639	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 43/01	0.147	2.07	2.620	2.620	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 44/02	0.000	0.00	2.704	2.704	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 44/01	0.000	0.00	2.704	2.704	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 45/05	2.544	7.73	6.703	4.523	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45/04	2.544	4.00	3.358	3.077	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45/03	2.544	4.00	3.077	2.806	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45/02	2.573	4.05	2.806	2.806	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45/01	2.573	4.05	2.806	2.806	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/23	2.949	0.55	2.806	2.806	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/22	3.014	0.56	2.806	2.806	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 9/21	3.014	0.56	2.806	2.806	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 9/20	3.014	0.56	2.806	2.806	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/27	13.833	2.29	3.211	3.109	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/26	13.833	2.29	3.109	3.085	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/25	13.833	2.33	3.059	2.873	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/24	13.833	2.33	2.847	2.823	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/23	13.833	2.29	2.823	2.751	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/22	13.833	2.29	2.725	2.700	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/21	13.833	2.29	2.700	2.677	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		

P 46/20	13.833	1.82	2.677	2.657	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/19	13.833	1.82	2.657	2.534	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/18	13.811	1.71	2.520	2.484	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 47/02	18.284	3.78	3.515	3.005	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 47/01	11.705	2.42	3.004	2.973	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 48/09	0.184	3.99	9.685	8.781	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/08	0.184	3.99	8.451	4.334	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/07	0.184	1.15	4.306	4.299	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/06	0.184	1.15	4.271	4.259	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/05	0.184	1.15	4.231	4.190	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/04	0.184	1.15	4.163	4.028	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/03	0.184	1.15	3.988	3.985	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/02	0.184	1.15	3.951	3.948	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 48/01	0.275	1.73	3.929	3.908	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 49/01	0.004	2.90	4.216	4.168	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50/04	0.021	1.41	4.029	4.028	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50/03	0.058	1.31	3.831	3.781	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50/02	0.058	0.82	3.715	3.708	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50/01	0.058	0.82	3.632	3.601	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 51/01	0.449	4.07	2.914	2.678	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52/05	0.028	0.26	2.723	2.721	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52/04	0.065	0.59	2.680	2.667	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52/03	0.088	0.56	2.643	2.629	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52/02	0.111	0.70	2.623	2.620	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52/01	0.111	0.51	2.621	2.656	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 53/01	0.000	0.00	3.513	3.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 170/02	0.449	1.02	3.464	3.461	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 170/01	0.490	1.11	3.383	3.366	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54/04	0.052	1.31	3.567	3.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54/03	0.052	0.47	3.498	3.495	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54/02	0.052	0.47	3.483	3.482	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54/01	0.052	0.47	3.464	3.461	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 55/03	0.084	1.16	3.830	3.821	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 55/02	0.084	1.19	3.713	3.703	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 55/01	0.085	1.20	3.537	3.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 59/02	0.191	0.97	3.852	3.853	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 59/01	0.063	0.90	3.837	3.833	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 60/01	0.108	0.68	2.907	2.938	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 61/01	0.149	0.94	2.938	3.005	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 61/02	0.041	0.58	2.947	2.938	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 62/03	0.045	0.41	2.983	2.983	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 62/02	0.069	0.62	2.983	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 62/01	0.069	0.62	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 63/03	0.013	0.22	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 63/02	0.031	0.28	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 63/01	0.031	0.28	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 64/03	0.000	0.00	2.235	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 64/02	0.009	0.08	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 64/01	0.017	0.16	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9/24	0.415	0.08	2.806	2.806	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 65/02	0.077	0.48	3.036	3.107	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 65/01	0.077	0.48	3.107	3.161	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 67/02	0.000	0.00	4.299	4.299	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 67/01	0.000	0.00	4.299	4.299	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 68/02	0.010	0.23	2.355	2.355	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 68/01	0.048	0.30	2.355	2.348	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 69/02	0.034	0.67	2.231	2.226	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 69/01	0.039	0.25	2.254	2.354	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 70/03	0.026	0.66	2.328	2.299	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 70/02	0.240	1.51	2.299	2.283	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 71/03	0.000	0.00	2.925	2.925	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 71/02	0.021	0.29	2.920	2.919	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 71/01	0.277	1.74	2.787	2.770	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 73/04	0.047	1.18	3.913	3.951	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 73/03	0.051	1.28	3.957	3.958	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 73/02	0.051	1.28	3.958	3.961	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 73/01	0.074	1.86	3.961	3.975	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 74/02	0.089	1.05	3.849	3.838	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 74/01	0.092	2.32	3.492	3.447	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 75/02	0.003	0.07	3.242	3.242	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 75/01	0.041	1.04	3.122	3.085	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 76/02	0.000	0.00	3.004	3.004	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 76/01	0.012	0.17	2.997	2.996	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 77/01	0.004	0.47	3.004	3.004	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 78/08	0.010	0.54	3.387	3.377	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 78/07	0.015	0.78	3.332	3.267	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 78/06	0.019	1.02	3.243	3.219	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 78/05	0.022	1.21	3.218	3.207	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 78/04	0.027	1.45	3.206	3.191	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 78/03	0.030	1.59	3.191	3.184	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 78/02	0.036	1.92	3.159	3.150	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 78/01	0.058	1.47	3.062	3.023	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 80/01	0.072	0.65	2.169	2.158	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 79/01	0.106	0.96	2.158	2.188	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 89/01	0.014	2.10	5.521	4.673	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182/07	0.038	3.55	4.498	3.918	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182/06	0.048	1.87	3.276	3.134	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182/05	0.057	1.56	2.997	2.857	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 90/02	0.000	0.00	3.930	3.450	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 111/03	0.020	0.50	2.108	2.090	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 111/02	0.095	0.86	2.014	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 67/2	0.127	1.15	1.856	1.842	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 112/01	0.076	6.12	2.136	2.090	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 113/02	0.000	0.00	1.990	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 113/01	0.000	0.00	1.990	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 129/01	0.000	0.00	2.230	2.230	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 151/02	0.000	0.00	2.595	2.595	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 151/01	0.068	0.97	2.499	2.484	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 152/01	0.000	0.00	2.451	2.451	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 179/01	0.000	0.00	2.451	2.451	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 153/03	0.000	0.00	2.570	2.570	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 153/02	0.000	0.00	2.570	2.570	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 153/01	0.056	0.06	2.570	2.571	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 154/01	0.000	0.00	2.751	2.751	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 155/02	0.000	0.00	2.523	2.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 155/01	0.000	0.00	2.523	2.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 156/02	0.028	0.70	2.464	2.564	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 156/01	0.070	1.76	2.417	2.363	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 157/01	0.098	2.46	2.786	2.564	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 158/01	0.021	0.13	2.319	2.342	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 159/01	0.222	2.01	2.560	2.344	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 160/02	0.420	3.80	4.875	2.499	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 160/01	0.439	3.98	2.358	2.329	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 161/01	0.084	0.76	2.327	2.322	AR&R 100 year (+15%CC), 1 hour storm, average 109 mm/h, Zone 1		
P 162/01	0.084	0.76	2.322	2.318	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 163/01	0.084	0.76	2.316	2.309	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 164/01	0.206	1.87	2.362	2.358	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 165/01	0.004	0.00	2.347	2.347	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 166/01	0.084	0.76	2.334	2.331	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 167/01	0.000	0.00	8.781	8.781	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 168/01	0.093	2.35	3.920	3.948	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 169/01	0.026	1.41	3.927	3.961	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 170/03	0.370	0.90	3.562	3.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 171/01	0.000	0.00	3.147	3.147	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 172/01	0.028	0.70	3.768	3.760	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 173/01	0.002	0.03	3.703	3.703	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 174/01	0.024	0.60	2.926	2.913	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 175/01	0.007	0.09	2.895	2.894	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 176/01	0.023	0.32	2.848	2.846	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 177/01	0.000	0.00	2.873	2.873	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 178/01	0.000	0.00	2.752	2.752	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 179/02	0.000	0.00	2.451	2.451	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 180/02	0.000	0.00	2.431	2.431	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 180/01	0.000	0.00	2.431	2.534	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 181/01	0.000	0.00	2.398	2.398	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182/09	0.008	1.40	5.407	4.838	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182/08	0.013	1.83	4.744	4.673	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 186/02	0.000	0.00	2.121	2.121	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 186/01	0.000	0.00	2.121	2.121	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 187/02	0.058	0.37	2.156	2.152	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 187/01	0.058	0.37	2.137	2.118	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 189/01	0.000	0.00	2.745	2.967	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 190/01	0.000	0.00	2.234	2.806	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 191/01	0.000	0.00	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 192/01	0.000	0.00	3.145	3.145	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 197/02	0.140	1.98	3.002	2.952	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 197/01	0.140	1.27	2.718	2.675	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 193/01	0.000	0.00	4.000	3.500	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 197/04	0.000	0.00	3.389	3.389	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 197/03	0.140	1.98	3.189	3.145	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 198/02	2.639	5.97	4.827	3.791	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 198/01	2.639	5.97	3.732	3.596	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 199/01	0.031	0.20	1.991	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 22-02	5.404	2.86	2.566	2.286	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P1255	5.463	2.89	2.286	2.254	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 22-01	5.576	2.95	2.254	2.215	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-05	9.342	2.16	2.096	2.083	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-04	9.430	2.18	2.058	2.046	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-03	9.430	2.18	2.022	1.990	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-02	9.430	2.18	1.966	1.943	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-01	10.399	2.41	1.913	1.899	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P A-02	10.399	2.14	1.899	1.800	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 23-02	4.332	2.29	2.824	2.664	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 3-06	3.773	1.48	2.609	2.512	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 3-06A	3.805	1.50	2.233	2.215	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 27-02	0.159	1.44	2.709	2.672	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 27-01	0.182	1.14	2.647	2.635	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-01	0.830	0.92	2.635	2.650	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-09	0.886	0.49	2.650	2.651	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-08	0.886	0.99	2.651	2.658	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-07	0.886	0.99	2.658	2.664	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 30-02	0.192	1.21	2.692	2.683	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P1244	0.201	1.27	2.592	2.590	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 30-01	0.214	1.35	2.585	2.577	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-03	0.677	0.75	2.577	2.608	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-02	0.681	0.76	2.608	2.635	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 31-02	0.192	1.21	2.543	2.534	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P1232	0.210	1.32	2.508	2.507	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 31-01	0.235	1.48	2.505	2.500	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 29-01	0.464	0.52	2.501	2.577	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 119-02	0.000	0.00	2.726	2.726	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 119-01	0.000	0.00	2.726	2.726	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 120-01	0.248	1.56	2.529	2.449	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 121-01	0.444	1.57	1.973	1.943	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 120A-01	0.000	0.00	2.491	2.491	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 119A-01	0.095	0.44	2.453	2.449	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 121-06	0.045	0.41	3.095	3.149	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-05	0.120	1.09	2.978	2.975	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-04	0.120	1.09	2.864	2.819	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-03	0.120	1.09	2.784	2.772	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-02	0.120	1.70	2.503	2.449	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 122-02	0.000	0.00	1.990	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 122-01	0.000	0.00	1.990	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 122A-01	0.000	0.00	2.819	2.819	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 123-02	0.000	0.00	2.046	2.046	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 123-01	0.000	0.00	2.046	2.046	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 124A-02	0.098	2.14	2.223	2.119	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 124A-01	0.098	0.62	2.088	2.083	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 125-02	0.336	1.55	2.520	2.481	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 125-01	0.336	1.55	1.966	1.943	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

Pipe1185	0.209	0.11	1.943	1.943	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Pipe1187	0.209	0.11	1.943	1.943	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-11	0.024	0.21	2.647	2.649	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-10	0.024	0.11	2.649	2.650	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 29-02	0.000	0.00	2.524	2.524	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 29-02 A	0.135	0.85	2.504	2.500	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 111A101	0.000	0.00	1.990	1.990	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Pipe678	0.722	2.97	2.181	2.081	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P683	0.642	2.92	2.135	2.035	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P688	0.824	3.04	2.300	2.149	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 200/04	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 200/03	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 200/02	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 201/01	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 202/02	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 202/01	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 204/02	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 204/01	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 205/04	0.000	0.00	3.975	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 205/03	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 205/02	0.000	0.00	1.800	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 206/03	0.634	1.44	2.045	2.045	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 206/02	0.673	1.52	2.045	1.970	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 206/01	1.201	2.72	1.970	1.900	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 208/02	6.106	2.40	1.871	1.800	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 207/02	0.014	2.31	2.205	1.907	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 207/01	0.033	0.37	1.900	1.900	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 208/04	3.925	2.15	2.105	1.960	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 208/03	4.878	1.92	1.942	1.900	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 209/17	0.011	0.27	4.654	4.649	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/16	0.027	0.38	4.632	4.622	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/15	0.070	0.99	4.585	4.515	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/14	0.127	1.79	4.412	4.316	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/13	0.206	1.29	4.193	4.133	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 209/12	0.269	1.69	4.024	3.993	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/11	0.455	2.86	3.814	3.745	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/10	0.763	2.13	3.547	3.508	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 209/09	0.959	2.17	3.484	3.364	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/08	1.063	2.41	3.334	3.281	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/07	1.146	2.59	3.109	2.947	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/06	1.087	3.02	2.165	1.967	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/05	1.220	2.85	1.773	1.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/04	-0.852	0.00	1.544	1.849	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/03	0.000	0.00	1.849	1.963	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 209/02	0.000	0.00	1.963	1.965	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 209/01	0.485	0.76	1.963	1.960	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 210/05	0.045	0.40	2.311	2.305	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 210/04	0.093	0.85	2.221	2.169	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 210/03	0.104	0.94	2.079	2.058	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 210/02	0.104	0.94	1.968	1.945	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 210/01	0.104	0.94	1.855	1.849	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 211/03	0.052	0.47	1.294	1.283	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 211/02	-0.121	0.00	1.291	1.406	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 211/01	-0.198	0.00	1.408	1.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 212/01	0.032	2.38	2.300	1.967	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 213/07	0.017	0.15	3.792	3.792	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 213/06	0.057	0.52	3.760	3.748	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 213/05	0.083	0.75	3.719	3.688	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 213/04	0.105	0.95	3.690	3.691	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 213/03	0.147	2.09	3.695	3.849	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 213/02	0.209	1.31	3.850	3.860	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 213/01	0.305	2.76	3.845	3.745	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 214/02	0.038	2.76	5.339	4.787	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 214/01	0.038	2.72	4.318	3.993	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 215/01	0.123	1.12	4.019	3.993	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 216/01	0.036	0.91	4.176	4.133	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 217/01	0.069	0.63	4.331	4.316	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 218/01	0.053	0.75	4.538	4.515	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 219/01	0.042	0.59	4.635	4.622	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 220/02	0.032	0.29	3.296	3.290	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 220/01	0.032	0.29	3.281	3.281	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 221/01	0.034	0.19	3.510	3.508	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 46/10 weir	0.000	0.00	2.143	2.143	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Dummy Pipe	0.266	3.95	2.950	2.900	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P948	0.273	4.04	2.950	2.900	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Pipe951	2.011	6.02	14.367	13.658	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
Pipe960	0.055	1.70	2.116	2.096	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV01/02	0.041	0.37	2.251	2.237	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P BV01/01	0.127	1.15	2.127	2.073	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 102/02	0.140	0.88	2.008	1.993	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 102/01	0.140	0.88	1.905	1.853	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P BV02/02	0.036	0.33	2.253	2.253	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P BV02/01	0.069	0.63	2.242	2.237	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV03/02	0.056	0.51	2.074	2.074	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P BV03/01	0.071	0.64	2.073	2.073	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P BV04/01	0.039	0.35	2.074	2.074	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P BV05/01	0.019	0.17	2.076	2.073	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV06/03	0.041	5.10	5.380	2.408	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P BV06/02	0.081	0.04	2.408	2.321	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P BV06/01	0.126	0.07	2.321	2.135	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 960/1	0.126	0.07	2.135	2.020	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P BV07/02	0.011	0.10	2.402	2.377	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV07/01	0.027	0.25	2.377	2.321	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV08/01	0.109	0.06	4.256	2.078	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 130/01	0.122	0.14	2.078	2.020	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV09/02	0.007	0.06	2.451	2.451	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV09/01	0.090	0.82	2.451	2.078	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P BV10/02	0.007	0.07	2.139	2.139	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Pipe1164	0.015	0.10	2.138	2.138	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P620	0.015	0.10	2.137	2.136	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P BV1106	0.000	0.00	2.426	2.426	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1105	0.012	0.10	2.425	2.425	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1104	0.027	0.24	2.423	2.420	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1103	0.046	0.42	2.417	2.411	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1102	0.088	0.55	2.373	2.354	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1101	0.107	0.67	2.304	2.299	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8101	0.107	0.97	2.204	2.143	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1205	0.008	0.07	2.230	2.229	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1204	0.021	0.19	2.227	2.223	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1203	0.161	0.74	2.209	2.172	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1202	0.219	0.77	2.144	2.140	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P BV1201	0.242	0.85	2.124	2.105	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA1702	0.010	0.09	2.678	2.678	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA1701	0.019	0.18	2.676	2.675	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA1903	0.084	0.76	3.508	3.478	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA1902	0.088	0.80	3.459	3.437	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA1901	0.092	0.84	3.411	3.389	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2104	0.008	1.00	2.404	2.239	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2103	0.014	1.33	2.201	2.049	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2102	0.023	1.39	2.004	1.871	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2205	0.086	0.99	2.699	2.612	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2204	0.089	1.09	2.543	2.479	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2203	0.091	0.83	2.463	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2202	0.096	0.87	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2201	0.101	0.92	2.806	2.806	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9125	0.398	0.08	2.806	2.806	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P PA2301	0.059	0.53	2.152	2.139	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA2302	0.047	0.43	2.141	2.224	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 7903	0.050	0.71	2.193	2.190	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 7902	0.074	0.67	2.163	2.158	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA3002	0.206	1.86	2.613	2.398	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA7004	0.040	0.37	2.036	2.027	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA7003	0.056	0.51	2.021	2.007	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA7002	0.051	0.32	2.002	1.995	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P PA7001	0.034	0.21	1.997	2.158	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0103	0.005	1.04	2.674	2.387	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P SP0102	0.011	2.73	2.327	2.225	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0101	0.016	0.15	2.224	2.223	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0204	0.062	3.35	4.431	2.791	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0203	0.068	2.55	2.603	2.369	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0202	0.077	0.70	2.311	2.275	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0201	0.102	0.64	2.239	2.223	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0301	0.007	1.38	2.897	2.415	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0402	0.013	0.12	2.570	2.569	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0401	0.056	0.35	2.569	2.570	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0502	0.014	0.13	2.560	2.565	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0501	0.029	0.26	2.565	2.569	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0703	0.026	0.24	2.936	2.932	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0702	0.052	0.47	2.919	2.905	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0701	0.201	1.26	2.857	2.845	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP0801	0.046	0.65	2.226	2.228	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P SP0901	0.021	0.19	2.404	2.403	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1001	0.021	0.19	2.926	2.925	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1101	0.188	1.18	2.967	2.905	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1207	0.002	0.02	2.141	2.141	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1206	0.006	0.05	2.140	2.140	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1205	0.015	0.13	2.138	2.137	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1204	0.018	0.11	2.136	2.136	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1203	0.018	0.11	2.136	2.136	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1202	0.018	0.11	2.136	2.161	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P SP1201	0.035	0.22	2.161	2.172	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P TG0104	0.000	0.00	2.156	2.156	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P TG0103	0.020	0.18	2.155	2.151	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P TG0102	0.040	0.36	2.142	2.128	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P TG0101	0.066	0.60	2.121	2.111	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P TG0204	0.000	0.00	3.531	3.531	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P TG0203	0.000	0.00	3.531	3.084	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P TG0202	0.011	1.41	3.063	2.417	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P TG0201	0.021	0.20	2.415	2.411	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P DI02	0.008	0.07	2.470	2.468	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P DI01	0.017	0.16	2.470	2.534	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P EI04	0.007	0.06	2.528	2.527	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P EI03	0.017	0.18	2.525	2.524	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P EI02	0.028	0.25	2.521	2.518	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P EI01	0.038	0.24	2.514	2.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P F02	0.006	0.06	2.520	2.519	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P F01	0.015	0.14	2.518	2.518	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 33-01	0.056	0.35	2.515	2.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P G02	0.015	0.14	2.459	2.530	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P G01	0.101	0.91	2.528	2.524	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P H01	0.006	0.05	2.578	2.578	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-04	0.009	0.06	2.578	2.577	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P I02	0.003	0.03	2.608	2.608	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P I01	0.004	0.04	2.608	2.608	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 127-01	0.004	0.04	2.608	2.608	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P KI01	0.020	0.18	2.692	2.691	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 24-02	0.070	0.44	2.666	2.664	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P LI01	0.004	0.04	2.578	2.578	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P LR101	0.056	0.55	2.728	2.410	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P Q01	0.066	0.60	2.368	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 124-01	0.134	0.84	2.260	2.254	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P LR201	0.020	0.23	2.345	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P LR401	0.018	0.16	2.405	2.404	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P J02	0.067	0.61	2.360	2.327	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P J01	0.078	0.71	2.293	2.286	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P LR501	0.036	0.33	2.438	2.436	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P J03	0.041	0.37	2.420	2.404	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P LR601	0.048	0.60	2.672	2.670	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P TI01	0.051	0.47	2.667	2.664	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P LR701	0.025	0.43	2.486	2.485	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P B102	0.045	0.41	2.485	2.486	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P B101	0.049	0.44	2.487	2.650	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 4-01	0.143	0.90	2.650	2.650	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1				
P LR8101	0.008	0.08	2.488	2.488	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P B103	0.012	0.11	2.486	2.485	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P M102	0.001	0.01	2.578	2.578	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P M101	0.006	0.05	2.578	2.577	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P O101	0.009	0.08	2.598	2.683	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P P104	0.003	0.03	2.427	2.427	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P P103	0.007	0.06	2.427	2.404	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P P102	0.011	0.10	2.427	2.428	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P P101	0.014	0.12	2.430	2.654	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 24A-01	0.015	0.03	2.654	2.664	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P R102	0.004	0.04	2.412	2.411	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P R101	0.010	0.09	2.410	2.410	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P S103	0.005	0.05	2.520	2.520	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P S102	0.018	0.16	2.519	2.518	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P S101	0.033	0.21	2.513	2.512	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
CHANNEL DETAILS									
Name	Max Q	Max V	Chainage	Max	Due to Storm				
	(cu.m/s)	(m/s)	(m)	HGL (m)					
OVERFLOW ROUTE DETAILS									
Name	Max Q U/S	Max Q D/S	Safe Q	Max D	Max DxV	Max Width	Max V	Due to Storm	
F 1124	0	0	7.665	0	0	0	0		
F 1123	0	0	7.665	0	0	0	0		
F 1122	0	0	7.665	0	0	0	0		
F 1121	0	0	7.665	0	0	0	0		
F 1120	0	0	7.665	0	0	0	0		
F 1119	1.944	1.944	7.665	0.115	0.13	26.90	1.14	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1118	1.944	1.944	7.665	0.115	0.13	26.90	1.14	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1117	1.944	1.944	7.665	0.115	0.13	26.90	1.14	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1116	3.385	3.385	7.665	0.143	0.19	32.65	1.32	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1115	3.385	3.385	7.665	0.143	0.19	32.65	1.32	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1114	3.385	3.385	7.665	0.143	0.19	32.65	1.32	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1113	15.640	15.640	7.665	0.230	0.59	49.99	2.54	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1112	0	0	7.665	0	0	0	0		
F 1111	0	0	7.665	0	0	0	0		
F 1110	0	0	7.665	0	0	0	0		
F 1109	0	0	7.665	0	0	0	0		
F 1108	0	0	7.665	0	0	0	0		
F 1107	0	0	7.665	0	0	0	0		
F 1106	0	0	7.665	0	0	0	0		
F 1105	0	0	7.665	0	0	0	0		
F 1104	0	0	7.665	0	0	0	0		
F 1103	0	0	7.665	0	0	0	0		
F 1102	0	0	7.665	0	0	0	0		
F 1101	0	0	7.665	0	0	0	0		
F 1100	0	0	7.665	0	0	0	0		
F 5102	0.048	0.048	7.665	0.026	0.01	8.83	0.41	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 5101	1.716	1.716	7.665	0.109	0.12	25.82	1.10	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 46117	24.340	24.340	7.665	0.230	0.91	49.99	3.96	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46116	24.340	24.340	7.665	0.230	0.91	49.99	3.96	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46115	27.424	27.424	7.665	0.230	1.03	49.99	4.46	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46114	27.424	27.424	7.665	0.230	1.03	49.99	4.46	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46113	27.725	27.725	7.665	0.230	1.04	49.99	4.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46112	27.738	27.738	7.665	0.230	1.04	49.99	4.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46111	27.738	27.738	7.665	0.230	1.04	49.99	4.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
OF1002	0.180	0.180	7.665	0.044	0.03	12.71	0.59	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 46109	27.738	27.738	7.665	0.230	1.04	49.99	4.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46108	27.738	27.738	7.665	0.230	1.04	49.99	4.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46107	27.738	27.738	7.665	0.230	1.04	49.99	4.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46106	28.588	28.588	7.665	0.230	1.07	49.99	4.65	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46105	28.967	28.967	7.665	0.230	1.08	49.99	4.71	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
OF1010	0	0	7.665	0	0	0	0		
F 46104	28.967	28.967	7.665	0.230	1.08	49.99	4.71	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46103	28.967	28.967	7.665	0.230	1.08	49.99	4.71	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 46102	28.967	28.967	7.665	0.230	1.08	49.99	4.71	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 7103	0	0	7.665	0	0	0	0		
F 7102	0.016	0.016	7.665	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 7101	0.016	0.016	7.665	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 8104	0.016	0.016	7.665	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 8103	0.016	0.016	7.665	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 8102	0.016	0.016	7.665	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 8101	0.016	0.016	7.665	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	
F 9116	15.177	15.177	7.665	0.230	0.57	49.99	2.47	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9115	15.177	15.177	7.665	0.230	0.57	49.99	2.47	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9114	15.177	15.177	7.665	0.230	0.57	49.99	2.47	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9113	15.177	15.177	7.665	0.230	0.57	49.99	2.47	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9112	15.214	15.214	7.665	0.230	0.57	49.99	2.47	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9111	15.256	15.256	7.665	0.230	0.57	49.99	2.48	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9110	15.256	15.256	7.665	0.230	0.57	49.99	2.48	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9109	15.256	15.256	7.665	0.230	0.57	49.99	2.48	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9108	15.256	15.256	7.665	0.230	0.57	49.99	2.48	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9107	15.279	15.279	7.665	0.230	0.57	49.99	2.49	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9106	15.279	15.279	7.665	0.230	0.57	49.99	2.49	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9105	15.279	15.279	7.665	0.230	0.57	49.99	2.49	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9104	15.482	15.482	7.665	0.230	0.58	49.99	2.52	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9103	15.482	15.482	7.665	0.230	0.58	49.99	2.52	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 9102	15.482	15.482	7.665	0.230	0.58	49.99	2.52	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 8106	0	0	7.665	0	0	0	0		
F 8105	0	0	7.665	0	0	0	0		
F 11143	23.790	23.790	7.665	0.230	0.89	49.99	3.87	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 11142	11.454	11.454	7.665	0.230	0.43	49.99	1.86	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1	
F 11141	0	0	7.665	0	0	0	0		
F 11140	0	0	7.665	0	0	0	0		
F 11139	0	0	7.665	0	0	0	0		
F 11138	0	0	7.665	0	0	0	0		
F 11137	0	0	7.665	0	0	0	0		