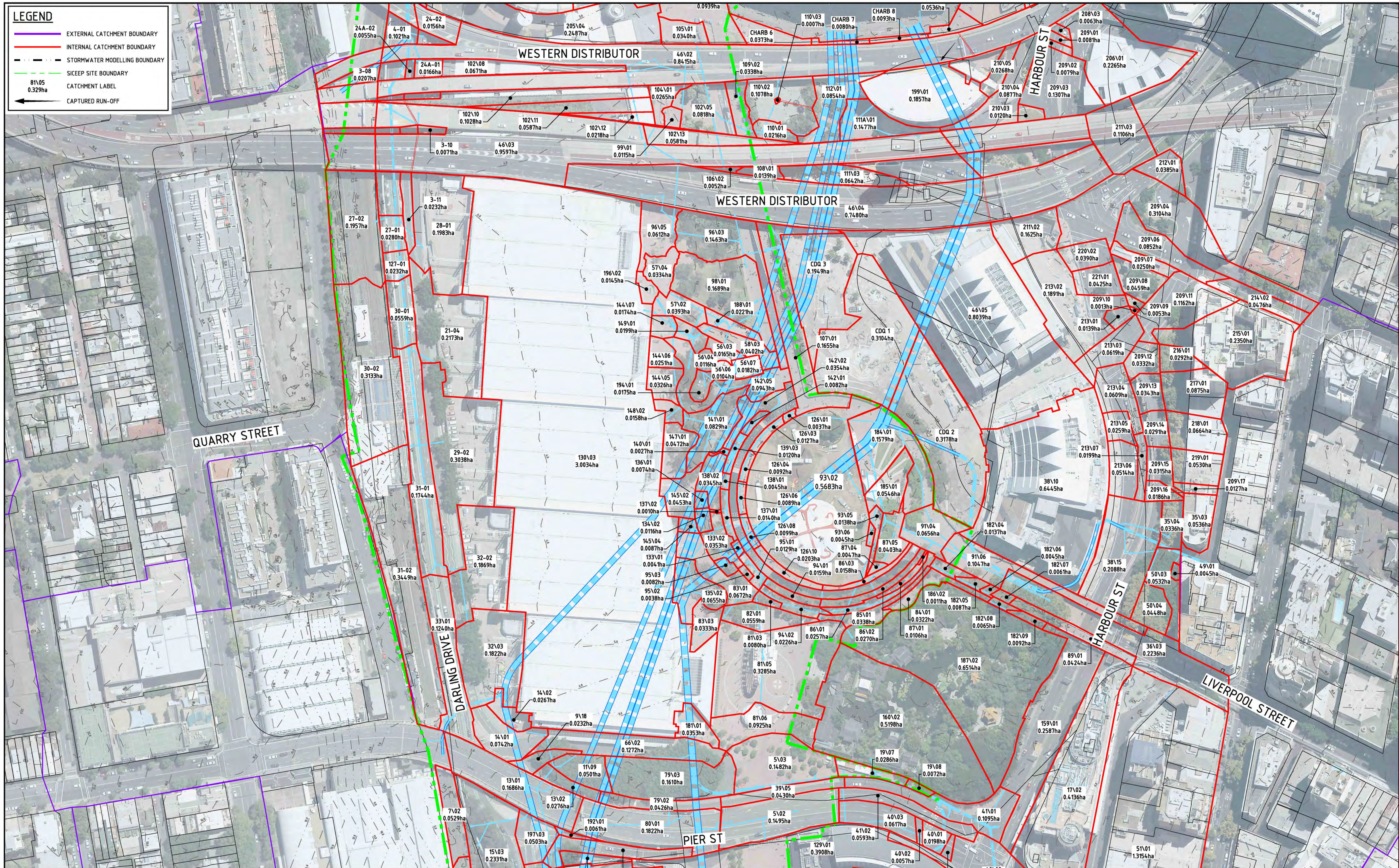
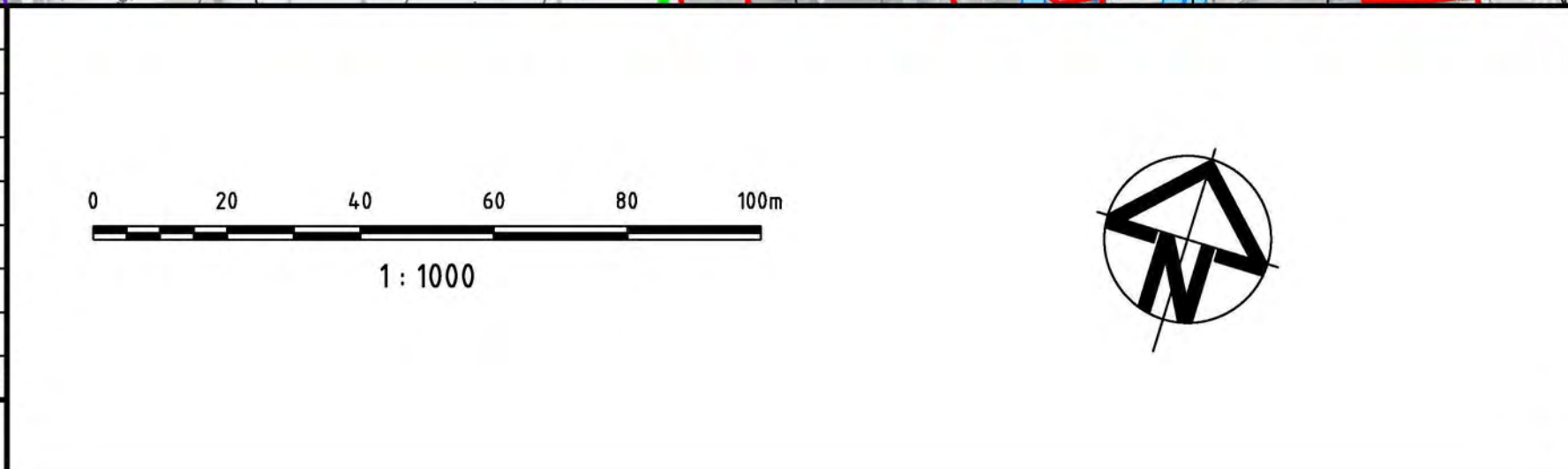




P1	ISSUE FOR INFORMATION	xx/02/13
Issue	Description	Date



Client

Lend Lease

Status	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 1000	Current Issue Signatures
		Drawn R.DIESTA
Original Size	A1	Designed P.SLOAN
Height Datum	AHD	Checked C.MCCLELLAND
Grid		Approved
Filename:		

Project

SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT

Title

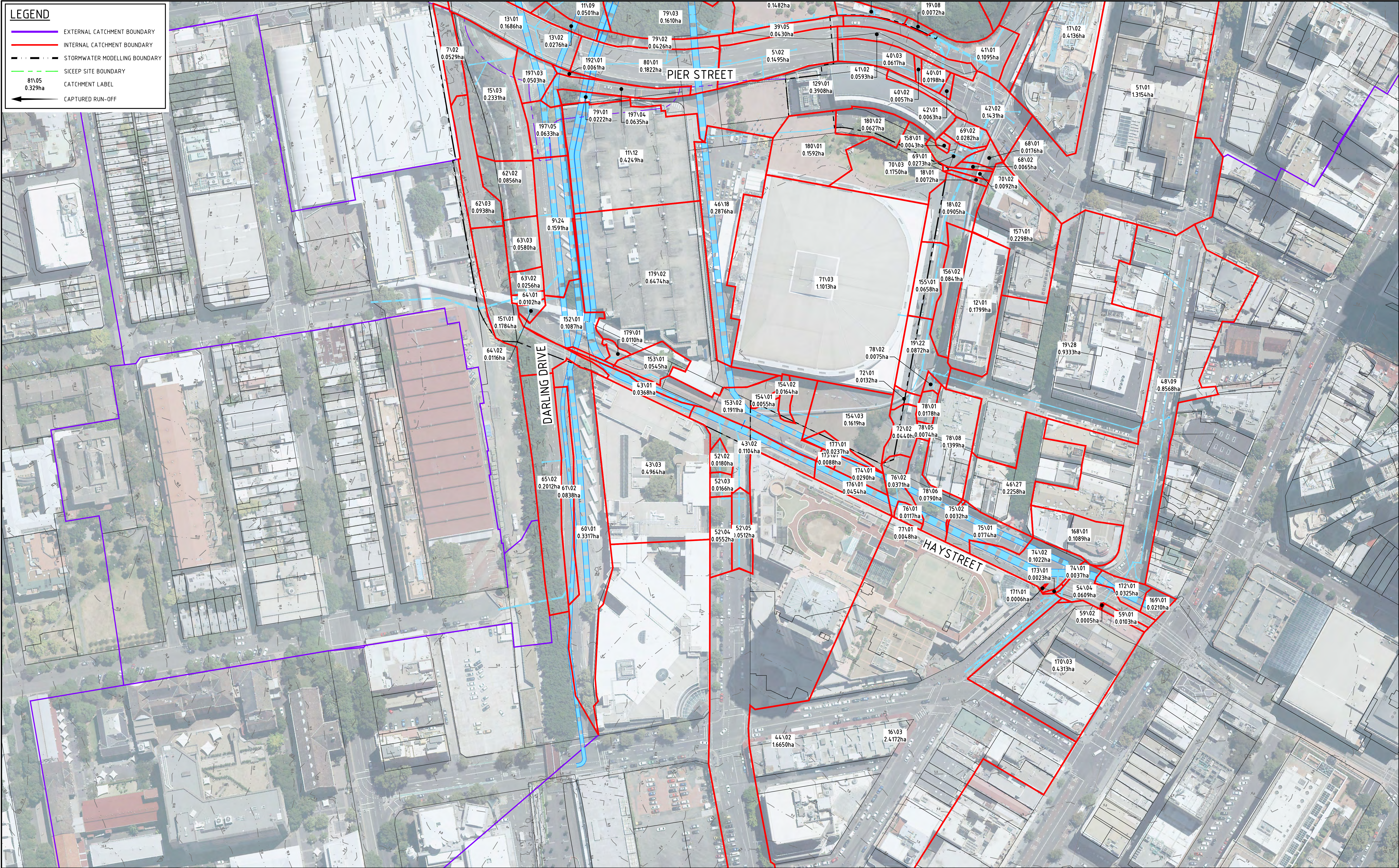
EXISTING INTERNAL CATCHMENT PLAN SHEET 2

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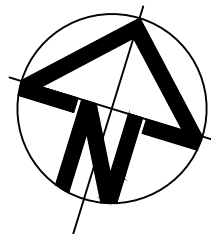
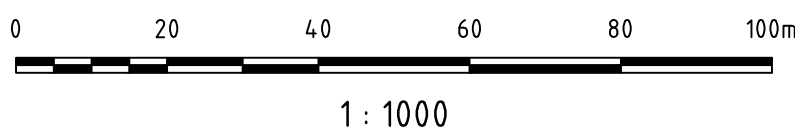
Drawing No.	Project No.	Issue
SKC248	AA004399	P1

LEGEND

- EXTERNAL CATCHMENT BOUNDARY
- INTERNAL CATCHMENT BOUNDARY
- STORMWATER MODELLING BOUNDARY
- SICEEP SITE BOUNDARY
- CATCHMENT LABEL
- CAPTURED RUN-OFF



P1	ISSUE FOR INFORMATION	xx/02/13
Issue	Description	Date



Status	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION	
Scales	1 : 1000	Current Issue Signatures
Original Size	A1	Designed R.DIESTA
Height Datum	AHD	Checked P.SLOAN
Grid		Approved C.MCCLELLAND
Filename:		

Project	SYDNEY INTERNATIONAL CONVENTION, EXHIBITION AND ENTERTAINMENT PRECINCT	
Title	EXISTING INTERNAL CATCHMENT PLAN SHEET 3	

Hyder

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Drawing No.	Project No.	Issue
SKC249	AA004399	P1

Existing DRAINS Model Inputs

7/03/2013

19123	OnGrade	Existing City of S	Junction Pit		1.5	2.974		0	0.3	333836.116	6249839.52	No	132	1 x Ku
19122	OnGrade	Existing City of S	Junction Pit		1.5	2.834		0	0.3	333831.822	6249868.26	No	133	1 x Ku
19121	OnGrade	Existing City of S	Junction Pit		1.2	2.702		0	0.3	333825.433	6249911.08	No	134	1 x Ku
19120	OnGrade	Existing City of S	Junction Pit		0.1	2.68		0	0.3	333823.546	6249923.79	No	135	1 x Ku
19119	OnGrade	Existing City of S	Junction Pit		0.1	2.536		0	0.3	333823.666	6249930.49	No	136	1 x Ku
19118	OnGrade	Existing City of S	Junction Pit		0.2	2.455		0	0.3	333824.174	6249934.92	No	137	1 x Ku
19117	OnGrade	Existing City of S	Junction Pit		0.8	2.337		0	0.3	333826.433	6249954.39	No	138	1 x Ku
19116	OnGrade	Existing City of S	Junction Pit		0.1	2.342		0	0.3	333827.293	6249961.78	No	139	1 x Ku
19115	OnGrade	Existing City of S	Junction Pit		0.1	2.348		0	0.3	333827.514	6249963.72	No	140	1 x Ku
19114	OnGrade	Existing City of S	Junction Pit		0.1	2.365		0	0.3	333827.833	6249966.46	No	141	1 x Ku
19113	OnGrade	Existing City of S	Junction Pit		0.5	2.604		0	0.3	333831.146	6249994.97	No	142	1 x Ku
19112	OnGrade	Existing City of S	Junction Pit		1.0	2.617		0	0.3	333821.916	6250016.03	No	143	1 x Ku
19111	OnGrade	Existing City of S	Junction Pit		0.3	2.568		0	0.3	333818.633	6250016.65	No	144	1 x Ku
19110	Sag	Existing City of S	Junction Pit	5	0.6	2.394	0.1	0	0.5	333796.326	6250020.87	No	145	1 x Ku
19109	OnGrade	Existing City of S	Junction Pit		1.5	2.512		0	0.3	333788.570	6250022.55	No	146	1 x Ku
19108	OnGrade	Existing City of S	Junction Pit		0.1	2.438		0	0.3	333768.822	6250024.43	No	147	1 x Ku
19107	OnGrade	Existing City of S	Junction Pit		0.3	2.766		0	0.3	333750.733	6250023.60	No	148	1 x Ku
19106	OnGrade	Existing City of S	Junction Pit		0.1	2.4		0	0.3	333733.333	6250019.29	No	149	1 x Ku
19105	OnGrade	Existing City of S	Junction Pit		0.1	2.403		0	0.3	333717.883	6250012.13	No	150	1 x Ku
19104	OnGrade	Existing City of S	Junction Pit		0.1	2.309		0	0.3	333706.383	6250006.81	No	151	1 x Ku
19103	OnGrade	Existing City of S	Junction Pit		0.1	2.532		0	0.3	333687.033	6249997.84	No	152	1 x Ku
19102	OnGrade	Existing City of S	Junction Pit		0.0	2.505		0	0.3	333679.866	6249994.53	No	153	1 x Ku
19101	OnGrade	Existing City of S	Junction Pit		0.1	2.424		0	0.3	333669.606	6249989.63	No	154	1 x Ku
13102	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.032		0	0.3	333576.777	6249966.48	No	112	1 x Ku
13101	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	2.893		0	0	333573.033	6249960.93	No	113	1 x Ku
14102	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.364		0	0.3	333549.096	6249989.85	No	114	1 x Ku
14101	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		3.9	2.596		0	0.3	333564.256	6249991.85	No	115	1 x Ku
15104	OnGrade	Existing City of S	Junction Pit		0.0	4.917		0	0.3	333538.686	6249929.58	No	116	1 x Ku
15103	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		0.1	3.356		0	0.3	333547.786	6249933.98	No	117	1 x Ku
15102	OnGrade	Existing City of S	Junction Pit		0.0	3.642		0	0.3	333557.366	6249938.90	No	118	1 x Ku
15101	OnGrade	Existing City of S	Junction Pit		0.0	3.528		0	0.3	333566.086	6249942.16	No	119	1 x Ku
16103	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	4.401		0	0	333910.056	6249681.89	No	120	1 x Ku
16102	Sag	Existing City of S	Junction Pit	5	0.1	3.727	0.3	0	0.5	333945.511	6249736.22	No	121	1 x Ku
16101	Sag	Existing City of S	Junction Pit	5	0.0	3.621	0.4	0	0.5	333945.706	6249745.55	No	122	1 x Ku
17102	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	2.982		0	0	333846.056	6249996.22	No	123	1 x Ku
17101	OnGrade	Existing City of S	Junction Pit		1.9	2.678		0	0.3	333835.266	6249993.11	No	124	1 x Ku
18102	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	2.298		0	0.3	333819.416	6249949.33	No	125	1 x Ku
18101	OnGrade	Existing City of S	0.90m x 0.50m Grate		1.6	2.279		0	0.3	333819.333	6249950.67	No	126	1 x Ku
70101	OnGrade	Existing City of S	Junction Pit		2.3	2.283		0	0.3	333819.356	6249953.87	No	298	1 x Ku
19128	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	5.246		0	0	333971.566	6249851.80	No	127	1 x Ku
19127	OnGrade	Existing City of S	Junction Pit		0.5	4.804		0	0.3	333960.786	6249842.37	No	128	1 x Ku
35104	OnGrade	Existing City of S	0.50m x 0.50m Grate		4.0	5.027		0	0.3	333873.666	6250213.55	No	155	1 x Ku
35103	OnGrade	Existing City of S	Junction Pit		2.3	5.255		0	0.3	333870.156	6250204.40	No	156	1 x Ku
35102	OnGrade	Existing City of S	Junction Pit		2.0	4.844		0	0.3	333861.156	6250205.64	No	157	1 x Ku
35101	OnGrade	Existing City of S	Junction Pit		0.5	4.365		0	0.3	333844.833	6250204.37	No	158	1 x Ku
38114	OnGrade	Existing City of S	Junction Pit		0.1	4.273		0	0.3	333840.206	6250202.07	No	165	1 x Ku
38113	OnGrade	Existing City of S	Junction Pit		0.0	4.092		0	0.3	333836.174	6250202.73	No	166	1 x Ku
38112	OnGrade	Existing City of S	Junction Pit		0.1	3.968		0	0.3	333833.756	6250203.08	No	167	1 x Ku
38111	OnGrade	Existing City of S	Junction Pit		0.1	10		0	0.3	333829.763	6250199.36	No	168	1 x Ku
38110	OnGrade	Existing City of S	1.0m Lintel 1.00m x 0.50m Grate		0.1	3.859		0	0.3	333828.074	6250165.72	No	169	1 x Ku
38109	OnGrade	Existing City of S	Junction Pit		0.1	4.085		0	0.3	333823.686	6250160.53	No	170	1 x Ku
38108	OnGrade	Existing City of S	Junction Pit		0.0	4.189		0	0.3	333813.696	6250154.39	No	171	1 x Ku
38107	OnGrade	Existing City of S	Junction Pit		0.0	4.309		0	0.3	333807.511	6250153.18	No	172	1 x Ku
38106	OnGrade	Existing City of S	Junction Pit		0.0	4.891		0	0.3	333798.544	6250154.67	No	173	1 x Ku
38105	OnGrade	Existing City of S	Junction Pit		0.0	4.816		0	0.3	333772.833	6250160.69	No	174	1 x Ku
38104	OnGrade	Existing City of S	Junction Pit		0.0	4.345		0	0.3	333760.743	6250174.18	No	175	1 x Ku
38103	OnGrade	Existing City of S	Junction Pit		0.0	4.13		0	0.3	333755.556	6250201.64	No	176	1 x Ku
38102	OnGrade	Existing City of S	Junction Pit		0.0	3.751		0	0.3	333742.544	6250213.75	No	177	1 x Ku
38101	OnGrade	Existing City of S	Junction Pit		0.1	3.871		0	0.3	333705.846	6250218.02	No	178	1 x Ku
36103	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.872		0	0.3	333816.056	6250149.74	No	159	1 x Ku
36102	OnGrade	Existing City of S	Junction Pit		1.0	4.679		0	0.3	333742.544	6250161.97	No	160	1 x Ku
36101	OnGrade	Existing City of S	Junction Pit		2.0	4.664		0	0.3	333713.346	6250165.71	No	161	1 x Ku
38117	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	6.524		0	0	333897.926	6250196.24	No	162	1 x Ku
38116	OnGrade	Existing City of S	Junction Pit		0.1	5.459		0	0.3	333880.366	6250197.31	No	163	1 x Ku
38115	OnGrade	Existing City of S	Junction Pit		0.1	4.442		0	0.3	333844.783	6250201.52	No	164	1 x Ku
39105	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	5.56		0	0.3	333734.926	6250012.97	No	179	1 x Ku
39104	OnGrade	Existing City of S	0.90m x 0.50m Grate		2.3	5.539		0	0.3	333742.366	6249994.35	No	180	1 x Ku
39103	OnGrade	Existing City of S	Junction Pit		0.1	3.776		0	0.3	333763.686	6250001.80	No	181	1 x Ku
39102	Sag	Existing City of S	Junction Pit	5	1.2	2.369	0.1	0	0.5	333799.316	6249998.64	No	182	1 x Ku
39101	Sag	Existing City of S	Junction Pit	5	0.1	2.39	0.1	0	0.5	333794.983	6250014.31	No	183	1 x Ku
40103	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		5	4.0	2.364	0.1	0.5	333784.333	6249995.24	No	184	1 x Ku
40102	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		5	0.0	2.285	0.2	0.5	333788.046	6249994.64	No	185	1 x Ku
40101	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		5	2.3	2.234	0.3	0.5	333794.586	6249993.61	No	186	1 x Ku
41102	Sag	Existing City of S	0.90m x 0.50m Grate		5	4.0	2.408	0.1	0.5	333796.896	6250013.12	No	187	1 x Ku
41101	Sag	Existing City of S	1.8m Lintel 1.80m x 0.50m Grate		5	0.2	2.312	0.1	0.5	333797.286	6250018.62	No	188	1 x Ku
42102	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		5	4.0	2.281	0.2	0.5	333806.266	6249991.62	No	189	1 x Ku
42101	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		5	2.3	2.246	0.3	0.5	333799.876	6249992.68	No	190	1 x Ku
43103	OnGrade	Existing City of S	0.50m x 0.50m Grate		4.0	2.656		0	0.3	333717.716	6249775.52	No	191	1 x Ku
43102	OnGrade	Existing City of S	0.50m x 0.50m Grate		2.3	2.615		0	0.3	333717.986	6249777.59	No	192	1 x Ku
43101	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		2.3	2.639		0	0.3	333712.066	6249776.98	No	193	1 x Ku
44102	OnGrade	Existing City of S	Junction Pit		4.0	3.827		0	0.3	333769.936	6249700.66	No	194	1 x Ku
44101	OnGrade	Existing City of S	Junction Pit		2.5	2.813		0	0.3	333748.477	6249770.40	No	195	1 x Ku
45105	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	8.581		0	0	333524.666	6249783.89	No	196	1 x Ku
45104	OnGrade	Existing City of S	Junction Pit		0.0	6.234		0	0.3	333563.156	6249798.28	No	197	1 x Ku
45103	OnGrade	Existing City of S	Junction Pit		0.0	6.248		0	0.3	333583.166	6249797.57	No	198	1 x Ku
45102	OnGrade	Existing City of S	Junction Pit		0.1	3.468		0	0.3	333613.066	6249816.31	No	199	1 x Ku
45101	OnGrade	Existing City of S	Junction Pit		0.0	3.667		0	0.3	333617.686	6249819.20	No	200	1 x Ku
46127	OnGrade	Dummy Pits	Unlimited Entry Pit		1.2	3.509		0	0	333948.046	6249758.08	No	201	1 x Ku
46126	OnGrade	Existing City of S	Junction Pit		0.0	3.723		0	0.3	333894.786	6249765.26	No	202	1 x Ku
46125	OnGrade	Existing City of S	Junction Pit		0.1	3.623		0	0.3	333882.806	6249767.15	No	203	1 x Ku
46124	OnGrade	Existing City of S	Junction Pit		0.1	3.251		0	0.3	333790.596	6249781.70	No	204	1 x Ku
46123	OnGrade	Existing City of S	Junction Pit		0.0	3.21		0	0.3	333784.756	6249782.63	No	205	1 x Ku
46122	OnGrade	Existing City of S	Junction Pit		0.1	2.824		0	0.3	333747.313	6249788.14	No	206	1 x Ku
46121	OnGrade	Existing City of S	Junction Pit		0.0	2.771		0	0.3	333736.586				

61 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.075		0	0.3	333661.77 6249732.37	No	275	1 x Ku
62 03	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	4.418		0	0.3	333580.11 6249848.73	No	277	1 x Ku
62 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.5	3.665		0	0.3	333591.10 6249854.51	No	278	1 x Ku
62 01	OnGrade	Existing City of S	Junction Pit		1.1	3.613		0	0.3	333605.88 6249860.78	No	279	1 x Ku
63 03	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.468		0	0.3	333602.88 6249826.95	No	280	1 x Ku
63 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		1.9	3.3		0	0.3	333608.17 6249814.66	No	281	1 x Ku
63 01	OnGrade	Existing City of S	Junction Pit		2.3	3.413		0	0.3	333612.13 6249814.49	No	282	1 x Ku
64 03	OnGrade	Existing City of S	Junction Pit		0.5	3.245		0	0.3	333611.10 6249792.69	No	283	1 x Ku
64 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.5	3.354		0	0.3	333614.77 6249799.38	No	284	1 x Ku
64 01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.5	3.346		0	0.3	333610.40 6249809.62	No	285	1 x Ku
65 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.007		0	0.3	333645.15 6249725.62	No	286	1 x Ku
65 01	OnGrade	Existing City of S	Junction Pit		2.3	3.211		0	0.3	333656.06 6249730.23	No	287	1 x Ku
66 02	OnGrade	Existing City of S	1.8m Lintel 0.90m x 0.50m Grate + Gatic		4.0	2.105		0	0.3	333624.94 6249997.40	No	288	1 x Ku
66 01	OnGrade	Existing City of S	Junction Pit		1.5	2.426		0	0.3	333642.34 6250002.16	No	289	1 x Ku
67 02	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	5.169		0	0.3	333978.79 6249854.86	No	290	1 x Ku
67 01	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		2.3	5.191		0	0.3	333978.28 6249854.84	No	291	1 x Ku
68 02	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	2.385		0	0.3	333831.05 6249960.53	No	292	1 x Ku
68 01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate + Gatic		3.2	2.386		0	0.3	333831.06 6249961.43	No	293	1 x Ku
69 02	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		4.0	2.235		0	0.3	333818.94 6249968.85	No	294	1 x Ku
69 01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		3.2	2.226		0	0.3	333818.94 6249967.72	No	295	1 x Ku
70 03	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	2.329		0	0.3	333813.68 6249954.12	No	296	1 x Ku
70 02	OnGrade	Existing City of S	0.90m x 0.50m Grate		1.6	2.299		0	0.3	333816.48 6249953.66	No	297	1 x Ku
71 03	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.327		0	0	333814.23 6249865.53	No	299	1 x Ku
71 02	OnGrade	Existing City of S	Junction Pit		1.0	3.06		0	0.3	333825.95 6249867.21	No	300	1 x Ku
71 01	OnGrade	Existing City of S	1.00m x 1.00m Grate		1.0	2.919		0	0.3	333828.83 6249867.45	No	301	1 x Ku
72 02	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	3.101		0	0.3	333834.50 6249817.85	No	302	1 x Ku
72 01	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		1.0	3.087		0	0.3	333833.82 6249823.53	No	303	1 x Ku
73 04	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate + Gatic	5	4.0	3.634	0.3	0	0.5	333984.60 6249768.69	No	304	1 x Ku
73 03	Sag	Existing City of S	0.50m x 0.50m Grate	5	2.0	3.762	0.2	0	0.5	333987.56 6249762.43	No	305	1 x Ku
73 02	Sag	Existing City of S	Junction Pit	5	2.3	3.774	0.2	0	0.5	333989.39 6249761.42	No	306	1 x Ku
73 01	Sag	Existing City of S	Junction Pit	5	2.0	3.874	0.1	0	0.5	333988.25 6249756.86	No	307	1 x Ku
74 02	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	4.0	3.265	0.7	0	0.5	333953.04 6249757.91	No	308	1 x Ku
74 01	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	2.3	3.328	0.6	0	0.5	333954.13 6249757.75	No	309	1 x Ku
75 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.596		0	0.3	333880.68 6249774.54	No	310	1 x Ku
75 01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate + Gatic		2.3	3.662		0	0.3	333883.52 6249774.26	No	311	1 x Ku
76 02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.396		0	0.3	333839.09 6249777.58	No	312	1 x Ku
76 01	OnGrade	Existing City of S	0.50m x 0.50m Grate		5.2	3.564		0	0.3	333845.56 6249762.97	No	313	1 x Ku
77 01	OnGrade	Existing City of S	0.50m x 0.50m Grate		4.0	3.669		0	0.3	333849.66 6249757.52	No	314	1 x Ku
78 08	OnGrade	Existing City of S	0.35m x 0.35m Grate		4.0	3.426		0	0.3	333854.02 6249781.35	No	315	1 x Ku
78 07	OnGrade	Existing City of S	0.35m x 0.35m Grate		1.5	3.377		0	0.3	333853.48 6249786.75	No	316	1 x Ku
78 06	OnGrade	Existing City of S	0.35m x 0.35m Grate		1.4	3.267		0	0.3	333851.96 6249799.16	No	317	1 x Ku
78 05	OnGrade	Existing City of S	0.35m x 0.35m Grate		1.4	3.219		0	0.3	333851.38 6249804.86	No	318	1 x Ku
78 04	OnGrade	Existing City of S	0.35m x 0.35m Grate		1.0	3.207		0	0.3	333850.29 6249814.47	No	319	1 x Ku
78 03	OnGrade	Existing City of S	0.35m x 0.35m Grate		1.0	3.191		0	0.3	333848.94 6249826.19	No	320	1 x Ku
78 02	OnGrade	Existing City of S	0.35m x 0.35m Grate		2.3	3.184		0	0.3	333848.52 6249829.80	No	321	1 x Ku
78 01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate + Gatic		2.3	3.15		0	0.3	333845.57 6249829.80	No	322	1 x Ku
79 03	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	4.0	2.191	0.2	0	0.5	333642.53 6249974.57	No	323	1 x Ku
79 02	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	1.7	2.191	0.1	0	0.5	333644.55 6249969.57	No	324	1 x Ku
79 01	Sag	Existing City of S	Junction Pit	5	1.9	2.21	0.3	0	0.5	333645.59 6249963.62	No	325	1 x Ku
80 01	OnGrade	Existing City of S	0.90m x 0.50m Grate		4.0	2.296		0	0.3	333652.00 6249970.20	No	326	1 x Ku
81 06	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.0	2.661		0	0.3	333675.98 6250044.21	No	327	1 x Ku
81 05	OnGrade	Existing City of S	0.80m x 0.80m Grate		1.8	2.637		0	0.3	333669.61 6250070.16	No	328	1 x Ku
81 04	OnGrade	Existing City of S	0.80m x 0.80m Grate		1.4	2.696		0	0.3	333663.74 6250084.03	No	329	1 x Ku
81 03	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.3	2.641		0	0.3	333655.14 6250103.47	No	330	1 x Ku
81 02	OnGrade	Existing City of S	Junction Pit		1.9	2.678		0	0.3	333656.42 6250106.93	No	331	1 x Ku
81 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		2.0	2.574		0	0.3	333655.47 6250114.22	No	332	1 x Ku
82 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.791		0	0.3	333670.68 6250099.85	No	333	1 x Ku
182 01	OnGrade	Existing City of S	Junction Pit		2.3	2.789		0	0.3	333671.11 6250103.29	No	531	1 x Ku
83 03	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.0	2.616		0	0.3	333631.34 6250072.25	No	334	1 x Ku
83 02	OnGrade	Existing City of S	Junction Pit		1.8	2.942		0	0.3	333640.26 6250082.96	No	335	1 x Ku
83 01	OnGrade	Existing City of S	0.80m x 0.80m Grate		2.3	2.787		0	0.3	333648.09 6250104.39	No	336	1 x Ku
84 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	3.848		0	0.3	333726.69 6250117.19	No	337	1 x Ku
182 03	OnGrade	Existing City of S	Junction Pit		2.0	3.87		0	0.3	333724.86 6250120.32	No	529	1 x Ku
182 02	OnGrade	Existing City of S	Junction Pit		1.9	3.218		0	0.3	333693.23 6250104.04	No	530	1 x Ku
85 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	3.191		0	0.3	333694.00 6250100.83	No	338	1 x Ku
86 03	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	3.224		0	0.3	333690.42 6250118.41	No	339	1 x Ku
86 02	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.4	3.182		0	0.3	333691.89 6250111.00	No	340	1 x Ku
86 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.2	3.2		0	0.3	333692.74 6250107.51	No	341	1 x Ku
87 05	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	4.575		0	0.3	333720.18 6250160.28	No	342	1 x Ku
87 04	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.6	4.7		0	0.3	333719.55 6250142.02	No	343	1 x Ku
87 03	OnGrade	Existing City of S	Junction Pit		2.3	3.969		0	0.3	333714.70 6250130.53	No	344	1 x Ku
87 02	OnGrade	Existing City of S	Junction Pit		0.5	3.875		0	0.3	333719.60 6250124.91	No	345	1 x Ku
87 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.1	3.863		0	0.3	333722.09 6250122.38	No	346	1 x Ku
89 01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	6.576		0	0.3	333795.33 6250140.95	No	347	1 x Ku
182 07	OnGrade	Existing City of S	0.30m x 0.30m Grate		2.0	5.765		0	0.3	333783.72 6250142.84	No	525	1 x Ku
182 06	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.6	5.244		0	0.3	333776.75 6250143.93	No	526	1 x Ku
182 05	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.6	4.862		0	0.3	333761.22 6250146.51	No	527	1 x Ku
182 04	OnGrade	Existing City of S	0.30m x 0.30m Grate		2.3	4.659		0	0.3	333745.48 6250149.07	No	528	1 x Ku
90 02	OnGrade	Existing City of S	Junction Pit		0.5	4.681		0	0.3	333800.83 6250155.64	No	348	1 x Ku
90 01	Node					4.088		0		333810.68 6250154.010		349	
91 06	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	4.67		0	0.3	333770.89 6250157.92	No	350	1 x Ku
91 05	OnGrade	Existing City of S	Junction Pit		0.5	4.601		0	0.3	333756.12 6250162.49	No	351	1 x Ku
91 04	OnGrade	Existing City of S	Junction Pit		3.2	4.57		0	0.3	333741.74 6250168.86	No	352	1 x Ku
91 03	OnGrade	Existing City of S	Junction Pit		0.5	4.701		0	0.3	333731.41 6250180.63	No	353	1 x Ku
91 02	OnGrade	Existing City of S	Junction Pit		0.0	4.634		0	0.3	333725.61 6250195.73	No	354	1 x Ku
91 01	OnGrade	Existing City of S	Junction Pit		1.0	3.871		0	0.3	333706.95 6250215.03	No	34693375	1 x Ku
93 06	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	3.16		0	0.3	333707.64 6250150.02	No	356	1 x Ku
93 05	OnGrade	Existing City of S	0.30m x 0.30m Grate		2.3	2.937		0	0.3	333706.04 6250172.18	No	357	1 x Ku
93 04	OnGrade	Existing City of S	Junction Pit		2.3	2.928		0	0.3	333701.40 6250179.49	No	358	1 x Ku
93 03	OnGrade	Existing City of S	Junction Pit		2.3	2.932		0	0.3	333699.62 6250178.62	No	359	1 x Ku
93 02	OnGrade	Existing City of S	0.90m x 0.50m Grate		3.4	2.417		0	0.3	333694.75 6250176.24	No	360	1 x Ku
93 01	OnGrade	Existing City of S	Junction Pit		1.8	2.589		0	0.3	333685.32 6250184.68	No	361	1 x Ku
94 02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.617		0					

113V01	OnGrade	Existing City of S	Junction Pit		1.8	2.752		0	0.3	333650.346	6250376.85	No	417	1 x Ku
126V10	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.58		0	0.3	333647.566	6250128.46	No	418	1 x Ku
126V09	OnGrade	Existing City of S	Junction Pit		1.3	2.568		0	0.3	333639.796	6250135.88	No	419	1 x Ku
126V08	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.7	2.563		0	0.3	333633.936	6250144.25	No	420	1 x Ku
126V07	OnGrade	Existing City of S	Junction Pit		0.8	2.559		0	0.3	333630.116	6250152.70	No	421	1 x Ku
126V06	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.4	2.561		0	0.3	333627.706	6250162.40	No	422	1 x Ku
126V05	OnGrade	Existing City of S	Junction Pit		2.6	2.562		0	0.3	333627.196	6250171.36	No	423	1 x Ku
126V04	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.2	2.562		0	0.3	333628.286	6250180.95	No	424	1 x Ku
126V03	OnGrade	Existing City of S	Junction Pit		2.6	2.563		0	0.3	333631.396	6250190.66	No	425	1 x Ku
126V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.2	2.59		0	0.3	333637.226	6250200.92	No	426	1 x Ku
126V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		0.9	2.605		0	0.3	333643.396	6250208.02	No	427	1 x Ku
129V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.0	2.242		0	0.3	333701.006	6249971.82	No	429	1 x Ku
130V03	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	5.62		0	0	333551.816	6250247.84	No	430	1 x Ku
130V02	OnGrade	Existing City of S	Junction Pit		1.4	5.618		0	0.3	333567.316	6250234.66	No	431	1 x Ku
130V01	OnGrade	Existing City of S	Junction Pit		2.0	5.643		0	0.3	333578.306	6250233.29	No	432	1 x Ku
131V03	OnGrade	Existing City of S	Junction Pit		0.5	5.724		0	0.3	333526.026	6250301.75	No	433	1 x Ku
131V02	OnGrade	Existing City of S	Junction Pit		2.3	5.567		0	0.3	333537.856	6250305.29	No	434	1 x Ku
131V01	OnGrade	Existing City of S	Junction Pit		2.0	5.673		0	0.3	333539.296	6250297.16	No	435	1 x Ku
133V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.567		0	0.3	333632.786	6250126.95	No	436	1 x Ku
133V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.5	2.57		0	0.3	333635.136	6250129.40	No	437	1 x Ku
134-01	OnGrade	Existing City of S	Junction Pit		2.0	2.538		0	0.3	333628.226	6250136.56	No	19916396	1 x Ku
134V03	OnGrade	Existing City of S	Junction Pit		0.5	2.685		0	0.3	333629.346	6250120.41	No	439	1 x Ku
134V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		2.0	2.71		0	0.3	333620.516	6250131.48	No	440	1 x Ku
135V03	OnGrade	Existing City of S	Junction Pit		0.5	5.371		0	0.3	333632.696	6250095.15	No	442	1 x Ku
135V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.4	5.358		0	0.3	333619.986	6250094.64	No	443	1 x Ku
135V01	OnGrade	Existing City of S	Junction Pit		3.7	5.542		0	0.3	333612.936	6250109.80	No	444	1 x Ku
136V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.724		0	0.3	333614.456	6250142.99	No	445	1 x Ku
137V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.613		0	0.3	333621.916	6250143.58	No	446	1 x Ku
137V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		1.0	2.538		0	0.3	333624.946	6250144.89	No	447	1 x Ku
138V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.603		0	0.3	333617.946	6250154.78	No	449	1 x Ku
138V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		1.0	2.547		0	0.3	333621.206	6250156.15	No	450	1 x Ku
139V04	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.617		0	0.3	333619.076	6250189.46	No	451	1 x Ku
139V03	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.9	2.584		0	0.3	333622.276	6250188.49	No	452	1 x Ku
139V02	OnGrade	Existing City of S	Junction Pit		0.7	2.579		0	0.3	333619.816	6250177.03	No	453	1 x Ku
139V01	OnGrade	Existing City of S	Junction Pit		0.5	2.579		0	0.3	333619.496	6250167.10	No	454	1 x Ku
140V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.637		0	0.3	333616.456	6250177.42	No	455	1 x Ku
141V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.711		0	0.3	333608.996	6250170.06	No	456	1 x Ku
141V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		3.1	2.667		0	0.3	333609.866	6250181.12	No	457	1 x Ku
145V01	OnGrade	Existing City of S	Junction Pit		2.1	3.107		0	0.3	333602.746	6250181.07	No	474	1 x Ku
144V01	OnGrade	Existing City of S	Junction Pit		1.5	2.691		0	0.3	333602.086	6250194.55	No	470	1 x Ku
142V05	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.608		0	0.3	333624.106	6250222.11	No	458	1 x Ku
142V04	OnGrade	Existing City of S	Junction Pit		2.0	2.526		0	0.3	333630.126	6250220.63	No	459	1 x Ku
142V03	OnGrade	Existing City of S	Junction Pit		0.5	2.512		0	0.3	333634.176	6250214.50	No	460	1 x Ku
142V02	OnGrade	Existing City of S	0.80m x 0.80m Grate		2.3	2.563		0	0.3	333636.046	6250211.65	No	461	1 x Ku
142V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		1.0	2.584		0	0.3	333626.736	6250198.65	No	462	1 x Ku
143V01	OnGrade	Existing City of S	Junction Pit		0.5	2.63		0	0.3	333622.136	6250211.97	No	463	1 x Ku
144V07	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	5.554		0	0.3	333566.326	6250231.37	No	464	1 x Ku
144V06	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.5	5.462		0	0.3	333569.856	6250219.23	No	465	1 x Ku
144V05	OnGrade	Existing City of S	0.30m x 0.30m Grate		1.5	5.502		0	0.3	333575.756	6250205.40	No	466	1 x Ku
144V04	OnGrade	Existing City of S	Junction Pit		0.8	5.803		0	0.3	333584.046	6250192.93	No	467	1 x Ku
144V03	OnGrade	Existing City of S	Junction Pit		2.0	5.489		0	0.3	333587.146	6250188.27	No	468	1 x Ku
144V02	OnGrade	Existing City of S	Junction Pit		2.0	2.984		0	0.3	333597.666	6250188.91	No	469	1 x Ku
145V04	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	5.54		0	0.3	333611.416	6250128.80	No	471	1 x Ku
145V03	OnGrade	Existing City of S	Junction Pit		2.5	5.491		0	0.3	333605.886	6250140.26	No	472	1 x Ku
145V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		5.2	3.808		0	0.3	333603.386	6250165.77	No	473	1 x Ku
146V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	5.378		0	0.3	333594.126	6250155.50	No	475	1 x Ku
147V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	5.433		0	0.3	333587.446	6250180.50	No	476	1 x Ku
148V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	5.69		0	0.3	333577.276	6250185.19	No	477	1 x Ku
148V01	OnGrade	Existing City of S	Junction Pit		1.2	5.524		0	0.3	333581.886	6250192.34	No	478	1 x Ku
149V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	5.626		0	0.3	333575.746	6250231.67	No	479	1 x Ku
151V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.763		0	0.3	333681.856	6249782.42	No	480	1 x Ku
151V01	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		2.0	2.88		0	0.3	333665.866	6249784.09	No	481	1 x Ku
152V01	OnGrade	Existing City of S	1.8m Lintel 0.90m x 0.50m Grate + Gatic		4.0	2.829		0	0.3	333663.426	6249794.61	No	482	1 x Ku
179V01	OnGrade	Existing City of S	1.8m Lintel 1.00m x 0.40m Grate + Gatic		3.1	2.785		0	0.3	333666.186	6249794.37	No	519	1 x Ku
153V03	OnGrade	Dummy Pits	Unlimited Entry Pit		0.5	2.803		0	0.3	333698.816	6249792.60	No	483	1 x Ku
153V02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate + Gatic		4.0	2.767		0	0.3	333696.276	6249790.40	No	484	1 x Ku
153V01	Sag	Existing City of S	1.8m Lintel 2.00m x 0.40m Grate - HaySt Sag	5	1.4	2.635	0.2	0	0.3	333689.316	6249791.51	No	485	1 x Ku
154V03	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	2.957		0	0	333787.096	6249796.18	No	486	1 x Ku
154V02	OnGrade	Existing City of S	1.00m x 1.00m Grate		1.6	3.016		0	0.3	333764.876	6249793.50	No	487	1 x Ku
154V01	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		0.6	2.876		0	0.3	333750.096	6249790.29	No	488	1 x Ku
155V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	3.123		0	0.3	333817.676	6249909.71	No	489	1 x Ku
155V01	OnGrade	Existing City of S	1.00m x 0.90m Grate + Gatic		1.0	2.824		0	0.3	333823.916	6249910.04	No	490	1 x Ku
156V02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate + Gatic		4.0	2.461		0	0.3	333835.166	6249921.82	No	491	1 x Ku
156V01	OnGrade	Existing City of S	Junction Pit		2.0	2.564		0	0.3	333833.776	6249932.62	No	492	1 x Ku
157V01	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	2.786		0	0	333841.266	6249930.82	No	493	1 x Ku
158V01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	2.298		0	0.3	333813.586	6249962.60	No	494	1 x Ku
159V01	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	2.769		0	0	333823.226	6250038.14	No	495	1 x Ku
160V02	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	10		0	0	333745.496	6250033.07	No	496	1 x Ku
160V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.499		0	0.3	333750.756	6250025.58	No	497	1 x Ku
161V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.498		0	0.3	333732.596	6250022.12	No	498	1 x Ku
162V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.461		0	0.3	333717.926	6250014.55	No	499	1 x Ku
163V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.348		0	0.3	333706.496	6250008.45	No	500	1 x Ku
164V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.0	2.548		0	0.3	333687.876	6249999.44	No	501	1 x Ku
165V01	OnGrade	Existing City of S	Junction Pit		0.1	2.714		0	0.3	333825.906	6250017.71	No	502	1 x Ku
166V01	OnGrade	Existing City of S	0.30m x 0.30m Grate		0.5	2.465		0	0.3	333769.206	6250026.34	No	503	1 x Ku
167V01	OnGrade	Existing City of S	Junction Pit		4.0	9.267		0	0.3	333952.376	6249931.97	No	504	1 x Ku
168V01	Sag	Dummy Pits	Unlimited Entry Pit	5	0.0	3.64	0.4	0	0	333977.056	6249775.17	No	505	1 x Ku
169V01	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	4.0	3.822	0.1	0	0.5	333995.906	6249755.62	No	506	1 x Ku
170V03	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	4.209		0	0	333914.656	6249685.86	No	507	1 x Ku
171V01	Sag	Existing City of S	0.50m x 0.50m Grate	5	4.0	3.822	0.3	0	0.5	333939.326	6249742.96	No	510	1 x Ku
172V01	Sag	Existing City of S	0.											

3-01	OnGrade	Existing City of S	Junction Pit		0.1	3.192		0	0.3	333403.704	6250511.60	No	3017745	1 x Ku
A-02	OnGrade	Existing City of S	Junction Pit		0.0	3.349		0	0.3	333408.624	6250514.31	No	3017794	1 x Ku
A-01	Node					0.800		0		333468.544	6250548.523		3017795	
22-02	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	4.000		0	0	333290.014	6250484.33	No	3017751	1 x Ku
22-01	OnGrade	Existing City of S	Junction Pit		0.0	2.552		0	0.3	333352.734	6250483.78	No	3017752	1 x Ku
23-02	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.679		0	0	333344.354	6250308.01	No	3017753	1 x Ku
24-02	Sag	Existing City of S	1.00m x 0.90m Grate + Gatic	5	4.0	2.894	0.1	0	0.5	333379.694	6250351.97	No	3017754	1 x Ku
24A-02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	2.930		0	0.3	333378.794	6250337.15	No	3017755	1 x Ku
24A-01	OnGrade	Existing City of S	0.90m x 0.50m Grate + Gatic		2.9	2.895		0	0.3	333382.754	6250338.13	No	3017756	1 x Ku
27-02	Sag	Existing City of S	0.90m x 0.50m Grate	4	4.0	3.442	0.2	0	0.5	333385.184	6250243.09	No	3017757	1 x Ku
27-01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		0.4	2.906		0	0.3	333391.044	6250247.68	No	3017758	1 x Ku
21-01	OnGrade	Existing City of S	Junction Pit		0.1	3.006		0	0.3	333395.304	6250249.29	No	3017750	1 x Ku
30-02	Sag	Existing City of S	0.90m x 0.50m Grate	4	4.0	3.114	0.2	0	0.5	333415.544	6250176.55	No	3017762	1 x Ku
30-01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		0.1	2.776		0	0.3	333420.214	6250178.26	No	3017763	1 x Ku
21-03	OnGrade	Existing City of S	Junction Pit		0.5	2.872		0	0.3	333424.254	6250179.67	No	3017748	1 x Ku
21-02	OnGrade	Existing City of S	Junction Pit		0.5	3.083		0	0.3	333408.844	6250216.90	No	3017749	1 x Ku
31-02	Sag	Existing City of S	0.90m x 0.50m Grate	5	4.0	3.430	0.2	0	0.5	333438.564	6250125.33	No	3017764	1 x Ku
31-01	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	0.1	2.569	0.2	0	0.5	333442.374	6250126.90	No	3017765	1 x Ku
29-01	OnGrade	Existing City of S	Junction Pit		1.0	2.5		0	0.3	333446.594	6250128.43	No	3017761	1 x Ku
33-01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	2.925		0	0.3	333473.874	6250059.57	No	3017769	1 x Ku
32-01	OnGrade	Existing City of S	Junction Pit		1.6	3.016		0	0.3	333475.464	6250066.24	No	3017768	1 x Ku
119-02	OnGrade	Existing City of S	Junction Pit		0.5	2.840		0	0.3	333391.494	6250475.50	No	3017770	1 x Ku
119-01	OnGrade	Existing City of S	Junction Pit		0.5	2.977		0	0.3	333403.914	6250482.67	No	3017771	1 x Ku
120-01	OnGrade	Existing City of S	1.00m x 1.00m Grate		1.6	3.083		0	0.3	333409.064	6250489.67	No	3017773	1 x Ku
121-01	OnGrade	Existing City of S	Junction Pit		3.8	2.982		0	0.3	333401.034	6250503.43	No	3017780	1 x Ku
120A-01	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.060		0	0	333408.964	6250480.58	No	3017774	1 x Ku
119A-01	OnGrade	Existing City of S	0.90m x 0.40m Grate		4.0	2.802		0	0.3	333397.064	6250493.29	No	3017772	1 x Ku
121-06	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.094		0	0.3	333380.984	6250555.38	No	3017775	1 x Ku
121-05	Sag	Existing City of S	0.80m x 0.80m Grate	4	3.8	3.036	0.2	0	0.5	333387.284	6250532.42	No	3017776	1 x Ku
121-04	OnGrade	Existing City of S	Junction Pit		2.5	3.057		0	0.3	333386.154	6250531.87	No	3017777	1 x Ku
121-03	OnGrade	Existing City of S	Junction Pit		0.8	3.144		0	0.3	333395.834	6250514.96	No	3017778	1 x Ku
121-02	OnGrade	Existing City of S	Junction Pit		2.5	3.099		0	0.3	333398.454	6250510.40	No	3017779	1 x Ku
122-02	OnGrade	Existing City of S	0.80m x 0.80m Grate		4.0	2.935		0	0.3	333387.464	6250509.72	No	3017781	1 x Ku
122-01	OnGrade	Existing City of S	Junction Pit		0.5	2.905		0	0.3	333390.264	6250505.26	No	3017782	1 x Ku
122A-01	OnGrade	Existing City of S	0.50m x 0.50m Grate		4.0	3.166		0	0.3	333396.794	6250515.85	No	3017783	1 x Ku
123-02	Sag	Existing City of S	0.80m x 0.80m Grate	4	4.0	2.679	0.2	0	0.5	333371.844	6250492.11	No	3017784	1 x Ku
123-01	OnGrade	Existing City of S	Junction Pit		2.5	2.664		0	0.3	333372.354	6250490.32	No	3017785	1 x Ku
124-01	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	4	4.0	2.471	0.2	0	0.5	333348.084	6250483.96	No	3017786	1 x Ku
124A-02	Sag	Existing City of S	1.00m x 1.00m Grate	5	4.0	2.582	0.4	0	0.5	333372.034	6250480.21	No	3017787	1 x Ku
124A-01	OnGrade	Existing City of S	0.90m x 0.50m Grate		2.0	2.606		0	0.3	333366.804	6250483.71	No	3017788	1 x Ku
125-02	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.453		0	0	333406.604	6250521.89	No	3017789	1 x Ku
125-01	OnGrade	Existing City of S	Junction Pit		4.5	3.189		0	0.3	333398.574	6250515.46	No	3017790	1 x Ku
127-01	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.026		0	0.3	333407.204	6250215.00	No	3017791	1 x Ku
132-02	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.1		0	0	333378.014	6250523.39	No	3017792	1 x Ku
132-01	OnGrade	Existing City of S	Junction Pit		0.5	3.055		0	0.3	333393.854	6250510.66	No	3017793	1 x Ku
N5971	Node							0		333524.494	6250467.895		5455165	
3-11	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	4.0	2.567	0.19	0	0.5	333390.394	6250309.15	No	3017735	1 x Ku
3-10	OnGrade	Existing City of S	0.90m x 0.40m Grate		2.1	2.764		0	0.3	333392.034	6250302.84	No	3017736	1 x Ku
29-02	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	1.6	2.606	0.23	0	0.5	333458.794	6250134.41	No	3017760	1 x Ku
32-03	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		4.0	3.251		0	0.3	333502.494	6250039.97	No	3017766	1 x Ku
32-02	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		0.6	2.981		0	0.3	333489.834	6250066.96	No	3017767	1 x Ku
21-04	OnGrade	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate		0.7	2.787		0	0.3	333440.484	6250176.30	No	3017747	1 x Ku
28-01	Sag	Existing City of S	0.9m Lintel 0.90m x 0.50m Grate	5	4.0	3.071	0.2	0	0.5	333414.914	6250236.90	No	3017759	1 x Ku
111A01	OnGrade	Existing City of S	Trench Grate		4.5	2.716		0	0.3	333625.284	6250389.41	No	78534326	1 x Ku
N1000	Node							0		333672.204	6250425.816		78534362	
Dummy 1	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	10		0	0	333662.184	6250415.34	No	78534364	1 x Ku
Dummy 3	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	10		0	0	333716.624	6250359.90	No	78534372	1 x Ku
Dummy 2	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	10		0	0	333706.194	6250383.60	No	78534387	1 x Ku
N1012	Node							0		333726.984	6250370.798		78534396	
N1013	Node							0		333716.644	6250394.217		78534397	
200V04	OnGrade	Existing City of S	Junction Pit		4.0	2.674		0	0	333457.644	6250457.59	No	78534398	1 x Ku
200V03	OnGrade	Existing City of S	Junction Pit		0.5	2.678		0	0	333463.334	6250468.51	No	78534399	1 x Ku
200V02	OnGrade	Existing City of S	Junction Pit		1.6	2.54		0	0	333476.974	6250482.17	No	78534400	1 x Ku
200V01	Node					0.026		0		333497.904	6250503.157		78534401	
201V01	OnGrade	Existing City of S	1.00m x 0.94m Grate		4.0	2.354		0	0	333479.654	6250469.22	No	78534402	1 x Ku
202V02	OnGrade	Existing City of S	0.30m x 0.30m Grate		4.0	2.66		0	0	333450.214	6250458.04	No	78534403	1 x Ku
202V01	OnGrade	Existing City of S	0.80m x 0.80m Grate		2.3	2.572		0	0	333455.654	6250470.80	No	78534404	1 x Ku
204V02	OnGrade	Existing City of S	1.00m x 0.94m Grate		4.0	2.872		0	0	333467.904	6250447.98	No	78534405	1 x Ku
204V01	OnGrade	Existing City of S	Junction Pit		2.3	2.539		0	0	333470.604	6250456.59	No	78534406	1 x Ku
205V04	OnGrade	Existing City of S	1.00m x 0.94m Grate		4.0	5.8		0	0	333484.554	6250394.90	No	78534407	1 x Ku
205V03	OnGrade	Existing City of S	Junction Pit		0.5	2.558		0	0	333506.564	6250407.54	No	78534408	1 x Ku
205V02	OnGrade	Existing City of S	1.00m x 0.94m Grate		0.5	2.273		0	0	333505.864	6250423.94	No	78534409	1 x Ku
205V01	Node					0.109		0		333517.054	6250467.911		78534410	
206V03	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	1.953		0	0	333763.944	6250476.50	No	78534411	1 x Ku
206V02	OnGrade	Existing City of S	1.00m x 0.94m Grate		0.0	2.26		0	2.6	333746.584	6250474.44	No	78534412	1 x Ku
206V01	OnGrade	Existing City of S	1.00m x 0.94m Grate		0.0	3.197		0	0	333709.874	6250469.86	No	78534413	1 x Ku
208V02	OnGrade	Existing City of S	Junction Pit		0.1	2.798		0	0	333701.274	6250468.78	No	78534418	1 x Ku
208V01	Node					1.119		0		333669.684	6250475.169		78534419	
207V02	OnGrade	Existing City of S	1.00m x 0.94m Grate		4.0	3.164		0	0	333709.624	6250492.59	No	78534414	1 x Ku
207V01	OnGrade	Existing City of S	1.00m x 0.94m Grate		1.0	2.517		0	0	333707.344	6250484.30	No	78534415	1 x Ku
208V04	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	2.425		0	0	333796.034	6250453.56	No	78534416	1 x Ku
208V03	OnGrade	Existing City of S	1.00m x 0.94m Grate		0.1	2.791		0	0	333729.924	6250463.28	No	78534417	1 x Ku
209V17	OnGrade	Existing City of S	1.00m x 0.94m Grate		4.5	5.088		0	0	333864.904	6250234.38	No	78534420	1 x Ku
209V16	OnGrade	Existing City of S	1.00m x 0.94m Grate		2.3	4.686		0	0	333854.924	6250232.08	No	78534421	1 x Ku
209V15	OnGrade	Existing City of S	1.00m x 0.94m Grate		1.7	4.622		0	0	333848.534	6250249.76	No	78534422	1 x Ku
209V14	OnGrade	Existing City of S	1.00m x 0.94m Grate		1.6	4.515		0	0	333839.124	6250268.71	No	78534423	1 x Ku
209V13	OnGrade	Existing City of S	1.00m x 0.94m Grate		1.6	4.316		0	0	333827.614	6250287.18	No	78534424	1 x Ku
209V12	OnGrade	Existing City of S	1.00m x 0.94m Grate		1.5	4.133		0	0	333823.764	6250305.56	No	78534425	1 x Ku
209V11	OnGrade	Existing City of S	1.00m x 0.94m Grate		1.5	3.993		0	0	333822.334	6250314.62	No	78534426	1 x Ku
209V10	OnGrade	Existing City of S	1.00m x 0.94m Grate		0.9	3.921		0						

N1108	Node								0			333667.681	6250478.301	78534703	
N1109	Node								0			333673.541	6250508.323	78534704	
N1110	Node								0			333685.501	6250490.260	78534705	
N1111	Node								0			333552.931	6250441.093	78534732	
N1498	Node								0			333926.071	6249784.904	458376305	
46110 weir	OnGrade	Existing City of S	Junction Pit		0.0	2.665			0	0		333635.141	6250115.991	No	458376762 1 x Ku
Dummy DQ 1	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.846			0	0		333687.601	6250247.341	No	472066774 1 x Ku
Dummy DQ 2	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.846			0	0		333710.401	6250246.721	No	472066776 1 x Ku
Pit1483	OnGrade	Dummy Pits	Unlimited Entry Pit		2.0	15.293			0	0		334062.021	6250237.461	No	492611266 1 x Ku
N1622	Node					16			0			333984.891	6250236.634		492611268
N1703	Node								0			333933.671	6249798.739		1422776106
N1704	Node								0			333920.681	6249777.059		1422776116
N1705	Node								0			333923.351	6249778.471		1422776120
N1706	Node								0			333925.401	6249780.209		1422776124
N1707	Node								0			333926.851	6249784.848		1422776153
N1708	Node								0			333926.241	6249784.789		1422776156
N1709	Node								0			333926.261	6249781.876		1422776157
N1710	Node								0			333926.621	6249782.797		1422776158
N1711	Node								0			333926.771	6249783.438		1422776159
N1712	Node								0			333926.881	6249783.913		1422776160
N1713	Node								0			333926.961	6249784.214		1422776161
N1714	Node								0			333927.141	6249784.612		1422776162
N1715	Node								0			333920.971	6249781.013		1422776166
N1716	Node								0			333919.521	6249786.383		1422776231
N1717	Node								0			333920.161	6249787.152		1422776232
N1718	Node								0			333929.761	6249785.347		1422776233
N1719	Node								0			333921.231	6249788.367		1422776234
N1720	Node								0			333917.391	6249789.385		1422776240
N1721	Node								0			333914.921	6249783.687		1422776241
N1722	Node								0			333904.301	6249786.584		1422776244
N1723	Node								0			333784.251	6250021.166		1422776258
N1724	Node								0			333777.531	6250021.722		1422776260
N1725	Node								0			333785.401	6250020.412		1422776263
N1726	Node								0			333369.311	6250480.204		1422776283
N1727	Node								0			333372.931	6250482.468		1422776291
N1728	Node								0			333369.911	6250306.097		1422776301
N1729	Node								0			333371.241	6250303.281		1422776302
Pit1563	OnGrade	Dummy Pits	Unlimited Entry Pit		0.0	3.071			0	0		333642.521	6250282.371	No	1945978441 1 x Ku
N1780	Node								0			333903.791	6249760.532		-1816730073
DETENTION BASIN DETAILS															
Name	Elev	Surf. Area	Init Vol. (cu.m)	Outlet Type	K	Dia(mm)	Centre RL	Pit Family	Pit Type	x	y	HED	Crest RL	Crest Length	
SUB-CATCHMENT DETAILS															
Name	Pit or	Total	Paved	Grass	Supp	Paved	Grass	Supp	Paved	Grass	Supp	Paved	Grass	Supp	
	Node	Area	Area	Area	Area	Time	Time	Time	Length	Length	Length	Slope(%)	Slope	Slope	
		(ha)	%	%	%	(min)	(min)	(min)	(m)	(m)	(m)	%	%	%	
C 1124	1124	15.3120	100.0	0.0	0.0	10.7	10.7	0							
C 5103	5103	0.1482	100.0	0.0	0.0	3	3	0							
C 5102	5102	0.1495	100.0	0.0	0.0	3	3	0							
C 46105	46105	0.8040	100.0	0.0	0.0	3	3	0							
C 7102	7102	0.0529	100.0	0.0	0.0	1	1	0							
C 8106	8106	4.0865	90.0	10.0	0.0	5	5	0							
C 9124	9124	0.1591	100.0	0.0	0.0	3	3	0							
C 9118	9118	0.0232	100.0	0.0	0.0	1	1	0							
C 11143	11143	96.1138	100.0	0.0	0.0	20.1	20.1	0							
C 11112	11112	0.4249	100.0	0.0	0.0	3	3	0							
C 11109	11109	0.0501	10.0	90.0	0.0	1	1	0							
C 12101	12101	0.1799	100.0	0.0	0.0	3	3	0							
C 19122	19122	0.0872	100.0	0.0	0.0	1	1	0							
C 13102	13102	0.0276	100.0	0.0	0.0	1	1	0							
C 13101	13101	0.1686	100.0	0.0	0.0	3	3	0							
C 14102	14102	0.0267	100.0	0.0	0.0	1	1	0							
C 14101	14101	0.0742	100.0	0.0	0.0	1	1	0							
C 15103	15103	0.2331	80.0	20.0	0.0	3	3	0							
C 16103	16103	2.4172	100.0	0.0	0.0	5	5	0							
C 17102	17102	0.4136	100.0	0.0	0.0	3	3	0							
C 18102	18102	0.0905	100.0	0.0	0.0	1	1	0							
C 18101	18101	0.0072	100.0	0.0	0.0	1	1	0							
C 19128	19128	0.9333	100.0	0.0	0.0	4	4	0							
C 35104	35104	0.0336	100.0	0.0	0.0	1	1	0							
C 35103	35103	0.0536	100.0	0.0	0.0	1	1	0							
C 38110	38110	0.6444	100.0	0.0	0.0	4	4	0							
C 36103	36103	0.2236	100.0	0.0	0.0	3	3	0							
C 38117	38117	7.0920	100.0	0.0	0.0	9.5	9.5	0							
C 38115	38115	0.2088	100.0	0.0	0.0	3	3	0							
C 39105	39105	0.0430	100.0	0.0	0.0	1	1	0							
C 40103	40103	0.0617	100.0	0.0	0.0	1	1	0							
C 40102	40102	0.0057	100.0	0.0	0.0	1	1	0							
C 40101	40101	0.0198	100.0	0.0	0.0	1	1	0							
C 41102	41102	0.0593	100.0	0.0	0.0	1	1	0							
C 41101	41101	0.1095	100.0	0.0	0.0	3	3	0							
C 42102	42102	0.1431	100.0	0.0	0.0	3	3	0							
C 42101	42101	0.0063	100.0	0.0	0.0	1	1	0							
C 43103	43103	0.4964	100.0	0.0	0.0	3	3	0							
C 43102	43102	0.1104	100.0	0.0	0.0	3	3	0							
C 43101	43101	0.0368	100.0	0.0	0.0	1	1	0							
C 44102	44102	1.6650	100.0	0.0	0.0	5	5	0							
C 45105	45105	3.0588	100.0	0.0	0.0	5	5	0							
C 46127	46127	0.2258	100.0	0.0	0.0	3	3	0							
C 46118	46118	0.2876	100.0	0.0	0.0	3	3	0							
C 47102	47102	28.9309	100.0	0.0	0.0	14.4	14.4	0							
C 48109	48109	0.8568	100.0	0.0	0.0	4	4	0							
C 49101	49101	0.0045	0.0	100.0	0.0	1	1	0							
C 50104	50104	0.0448	0.0	100.0	0.0	1	1	0							
C 50103	50103	0.0532	0.0	100.0	0.0	1	1	0							
C 51101	51101	1.3154	100.0	0.0	0.0	5	5	0							
C 52105	52105	0.0512	100.0	0.0	0.0	1	1	0							
C 52104	52104	0.0552	100.0	0.0	0.0	1	1	0							
C 52103	52103	0.0166	100.0	0.0	0.0	1	1	0							
C 52102	52102	0.0180	100.0	0.0	0.0	1	1	0							
C 54104	54104	0.0609	100.0	0.0	0.0	1	1	0							
C 56107	56107	0.0182	100.0	0.0	0.0	1	1	0							
C 56106	56106	0.0104	100.0	0.0	0.0	1	1	0							
C 56104	56104	0.0116	100.0	0.0	0.0	1	1	0							
C 56103	56103	0.0165	100.0	0.0	0.0	1	1	0							
C 57104	57104	0.0334	100.0	0.0	0.0	1	1	0							
C 57102	57102	0.0393	100.0	0.0	0.0	1	1	0							
C 58103	58103	0.0402	100.0	0.0	0.0	1	1	0							
C 59102	59102	0.0005	100.0	0.0	0.0	1	1	0							
C 59101	59101	0.0103	100.0	0.0	0.0	1	1	0							
C 60101	60101	0.3317	100.0	0.0	0.0	3	3	0							
C 61102	61102	0.0838	100.0	0.0	0.0	1	1	0							
C 62103	62103	0.0938	100.0	0.0	0.0	1	1</								

C 81\05	81\05	0.3285	100.0	0.0	0.0	3	3	0							
C 81\03	81\03	0.0080	100.0	0.0	0.0	1	1	0							
C 82\01	82\01	0.0559	100.0	0.0	0.0	1	1	0							
C 83\03	83\03	0.0333	100.0	0.0	0.0	1	1	0							
C 83\01	83\01	0.0672	100.0	0.0	0.0	1	1	0							
C 84\01	84\01	0.0322	100.0	0.0	0.0	1	1	0							
C 85\01	85\01	0.0338	100.0	0.0	0.0	1	1	0							
C 86\03	86\03	0.0158	100.0	0.0	0.0	1	1	0							
C 86\02	86\02	0.0270	100.0	0.0	0.0	1	1	0							
C 86\01	86\01	0.0257	100.0	0.0	0.0	1	1	0							
C 87\05	87\05	0.0403	100.0	0.0	0.0	1	1	0							
C 87\04	87\04	0.0047	100.0	0.0	0.0	1	1	0							
C 87\01	87\01	0.0106	100.0	0.0	0.0	1	1	0							
C 89\01	89\01	0.0424	100.0	0.0	0.0	1	1	0							
C 182\07	182\07	0.0061	100.0	0.0	0.0	1	1	0							
C 182\06	182\06	0.0045	100.0	0.0	0.0	1	1	0							
C 182\05	182\05	0.0087	100.0	0.0	0.0	1	1	0							
C 182\04	182\04	0.0138	100.0	0.0	0.0	1	1	0							
C 91\06	91\06	0.1049	100.0	0.0	0.0	3	3	0							
C 91\04	91\04	0.0656	100.0	0.0	0.0	1	1	0							
C 93\06	93\06	0.0045	100.0	0.0	0.0	1	1	0							
C 93\05	93\05	0.0138	100.0	0.0	0.0	1	1	0							
C 93\02	93\02	0.5683	0.0	100.0	0.0	4	4	0							
C 94\02	94\02	0.0226	100.0	0.0	0.0	1	1	0							
C 94\01	94\01	0.0159	100.0	0.0	0.0	1	1	0							
C 95\03	95\03	0.0082	100.0	0.0	0.0	1	1	0							
C 95\02	95\02	0.0038	100.0	0.0	0.0	1	1	0							
C 95\01	95\01	0.0129	100.0	0.0	0.0	1	1	0							
C 96\05	96\05	0.0612	100.0	0.0	0.0	1	1	0							
C 96\03	96\03	0.1463	10.0	90.0	0.0	3	3	0							
C 98\01	98\01	0.1692	10.0	90.0	0.0	3	3	0							
C 99\01	99\01	0.0115	100.0	0.0	0.0	1	1	0							
C 102\05	102\05	0.0818	100.0	0.0	0.0	1	1	0							
C 102\13	102\13	0.0581	100.0	0.0	0.0	1	1	0							
C 102\12	102\12	0.0218	100.0	0.0	0.0	1	1	0							
C 102\11	102\11	0.0587	100.0	0.0	0.0	1	1	0							
C 102\10	102\10	0.1028	100.0	0.0	0.0	3	3	0							
C 103\03	103\03	0.0671	100.0	0.0	0.0	1	1	0							
C 104\01	104\01	0.0265	100.0	0.0	0.0	1	1	0							
C 105\01	105\01	0.0340	100.0	0.0	0.0	1	1	0							
C 106\02	106\02	0.0052	100.0	0.0	0.0	1	1	0							
C 107\01	107\01	0.1654	100.0	0.0	0.0	3	3	0							
C 108\01	108\01	0.0139	100.0	0.0	0.0	1	1	0							
C 109\02	109\02	0.0338	100.0	0.0	0.0	1	1	0							
C 110\03	110\03	0.0007	100.0	0.0	0.0	1	1	0							
C 110\02	110\02	0.1078	100.0	0.0	0.0	3	3	0							
C 110\01	110\01	0.0216	100.0	0.0	0.0	1	1	0							
C 111\03	111\03	0.0642	100.0	0.0	0.0	1	1	0							
C 126\10	126\10	0.0203	100.0	0.0	0.0	1	1	0							
C 126\08	126\08	0.0099	100.0	0.0	0.0	1	1	0							
C 126\06	126\06	0.0089	100.0	0.0	0.0	1	1	0							
C 126\04	126\04	0.0092	100.0	0.0	0.0	1	1	0							
C 126\02	126\02	0.0127	100.0	0.0	0.0	1	1	0							
C 126\01	126\01	0.0037	100.0	0.0	0.0	1	1	0							
C 129\01	129\01	0.3908	100.0	0.0	0.0	3	3	0							
C 130\03	130\03	3.0034	100.0	0.0	0.0	5	5	0							
C 133\02	133\02	0.0353	100.0	0.0	0.0	1	1	0							
C 133\01	133\01	0.0041	100.0	0.0	0.0	1	1	0							
C 134\02	134\02	0.0116	100.0	0.0	0.0	1	1	0							
C 135\02	135\02	0.0655	100.0	0.0	0.0	1	1	0							
C 136\01	136\01	0.0074	100.0	0.0	0.0	1	1	0							
C 137-02	137\02	0.0010	100.0	0.0	0.0	1	1	0							
C 137\01	137\01	0.0140	100.0	0.0	0.0	1	1	0							
C 138\02	138\02	0.0345	100.0	0.0	0.0	1	1	0							
C 138\01	138\01	0.0045	100.0	0.0	0.0	1	1	0							
C 139\03	139\03	0.0120	100.0	0.0	0.0	1	1	0							
C 140\01	140\01	0.0027	100.0	0.0	0.0	1	1	0							
C 141\01	141\01	0.0829	100.0	0.0	0.0	1	1	0							
C 142\05	142\05	0.0943	100.0	0.0	0.0	1	1	0							
C 142\02	142\02	0.1471	100.0	0.0	0.0	3	3	0							
C 142\01	142\01	0.0082	100.0	0.0	0.0	1	1	0							
C 144\07	144\07	0.0174	100.0	0.0	0.0	1	1	0							
C 144\06	144\06	0.0251	100.0	0.0	0.0	1	1	0							
C 144\05	144\05	0.0326	100.0	0.0	0.0	1	1	0							
C 145\04	145\04	0.0087	100.0	0.0	0.0	1	1	0							
C 145\02	145\02	0.0453	100.0	0.0	0.0	1	1	0							
C 147\01	147\01	0.0472	100.0	0.0	0.0	1	1	0							
C 148\02	148\02	0.0158	100.0	0.0	0.0	1	1	0							
C 149\01	149\01	0.0199	100.0	0.0	0.0	1	1	0							
C 151\01	151\01	0.1784	100.0	0.0	0.0	3	3	0							
C 152\01	152\01	0.1087	100.0	0.0	0.0	3	3	0							
C 179\01	179\01	0.0110	100.0	0.0	0.0	1	1	0							
C 153\02	153\02	0.1911	100.0	0.0	0.0	3	3	0							
C 153\01	153\01	0.0545	100.0	0.0	0.0	1	1	0							
C 154\03	154\03	0.1619	100.0	0.0	0.0	3	3	0							
C 154\02	154\02	0.0164	100.0	0.0	0.0	1	1	0							
C 154\01	154\01	0.0055	100.0	0.0	0.0	1	1	0							
C 155\01	155\01	0.0658	100.0	0.0	0.0	1	1	0							
C 156\02	156\02	0.0841	100.0	0.0	0.0	1	1	0							
C 157\01	157\01	0.2298	100.0	0.0	0.0	3	3	0							
C 158\01	158\01	0.0043	100.0	0.0	0.0	1	1	0							
C 159\01	159\01	0.2587	100.0	0.0	0.0	3	3	0							
C 160\02	160\02	0.5198	50.0	50.0	0.0	4	4	0							
C 160\01	160\01	0.0286	100.0	0.0	0.0	1	1	0							
C 166\01	166\01	0.0072	100.0	0.0	0.0	1	1	0							
C 168\01	168\01	0.1089	100.0	0.0	0.0	3	3	0							
C 169\01	169\01	0.0210	100.0	0.0	0.0	1	1	0							
C 170\03	170\03	0.4313	100.0	0.0	0.0	3	3	0							
C 171\01	171\01	0.0006	100.0	0.0	0.0	1	1	0							
C 172\01	172\01	0.0325	100.0	0.0	0.0	1	1	0							
C 173\01	173\01	0.0023	100.0	0.0	0.0	1	1	0							
C 174\01	174\01	0.0290	100.0	0.0	0.0	1	1	0							
C 175\01	175\01	0.0088	100.0	0.0	0.0	1	1	0							
C 176\01	176\01	0.0454	100.0	0.0	0.0	1	1	0							
C 177\01	177\01	0.0237	100.0	0.0	0.0	1	1	0							
C 179\02	179\02	0.6474	100.0	0.0	0.0	4	4	0							
C 180\02	180\02	0.0627	100.0	0.0	0.0	1	1	0							
C 180\01	180\01	0.1592	70.0	30.0	0.0	3	3	0							
C 181\01	181\01	0.0353	100.0	0.0	0.0	1	1	0							
C 182\09	182\09	0.0092	100.0	0.0	0.0	1	1	0							
C 182\08	182\08	0.0065	100.0	0.0	0.0	1	1	0							
C 184\01	184\01	0.1578	100.0	0.0	0.0	3	3	0							
C 185\01	185\01	0.0546	100.0	0.0	0.0	1	1	0				</			

Cat10889	132-02	0.2430	100.0	0.0	0.0	3	3	0							
C 3-11	3-11	0.0232	100.0	0.0	0.0	1	1	0							
C 3-10	3-10	0.0071	100.0	0.0	0.0	1	1	0							
C 29-02	29-02	0.3038	100.0	0.0	0.0	3	3	0							
C 32-03	32-03	0.1791	100.0	0.0	0.0	3	3	0							
C 32-02	32-02	0.1869	100.0	0.0	0.0	3	3	0							
C 21-04	21-04	0.2173	100.0	0.0	0.0	3	3	0							
C 28-01	28-01	0.1983	100.0	0.0	0.0	3	3	0							
C 111A01	111A01	0.1477	100.0	0.0	0.0	3	3	0							
C 46I02	Dummy 1	0.8415	100.0	0.0	0.0	4	4	0							
C 46I04	Dummy 3	0.7480	100.0	0.0	0.0	4	4	0							
C 46I03	Dummy 2	0.9597	100.0	0.0	0.0	4	4	0							
C 201V01	201V01	0.0870	100.0	0.0	0.0	1	1	0							
C 202V02	202V02	0.0493	100.0	0.0	0.0	1	1	0							
C 202V01	202V01	0.0521	100.0	0.0	0.0	1	1	0							
C 204V02	204V02	0.2187	100.0	0.0	0.0	3	3	0							
C 205V04	205V04	0.2487	100.0	0.0	0.0	3	3	0							
C 205V02	205V02	0.0549	100.0	0.0	0.0	1	1	0							
C 206V03	206V03	5.0123	100.0	0.0	0.0	5	5	0							
C 206V01	206V01	0.2265	100.0	0.0	0.0	3	3	0							
C 207V02	207V02	0.0158	100.0	0.0	0.0	1	1	0							
C 207V01	207V01	0.0226	100.0	0.0	0.0	1	1	0							
C 208V04	208V04	4.7199	100.0	0.0	0.0	5	5	0							
C 208V03	208V03	0.0063	100.0	0.0	0.0	1	1	0							
C 209V17	209V17	0.0127	100.0	0.0	0.0	1	1	0							
C 209V16	209V16	0.0186	100.0	0.0	0.0	1	1	0							
C 209V15	209V15	0.0315	100.0	0.0	0.0	1	1	0							
C 209V14	209V14	0.0291	100.0	0.0	0.0	1	1	0							
C 209V13	209V13	0.0343	100.0	0.0	0.0	1	1	0							
C 209V12	209V12	0.0332	100.0	0.0	0.0	1	1	0							
C 209V11	209V11	0.1162	100.0	0.0	0.0	3	3	0							
C 209V10	209V10	0.0013	100.0	0.0	0.0	1	1	0							
C 209V09	209V09	0.0053	100.0	0.0	0.0	1	1	0							
C 209V08	209V08	0.0459	100.0	0.0	0.0	1	1	0							
C 209V07	209V07	0.0250	100.0	0.0	0.0	1	1	0							
C 209V06	209V06	0.0852	100.0	0.0	0.0	1	1	0							
C 209V04	209V04	0.3104	100.0	0.0	0.0	3	3	0							
C 209V03	209V03	0.1307	100.0	0.0	0.0	3	3	0							
C 209V02	209V02	0.0079	100.0	0.0	0.0	1	1	0							
C 209V01	209V01	0.0081	100.0	0.0	0.0	1	1	0							
C 210V05	210V05	0.0268	100.0	0.0	0.0	1	1	0							
C 210V04	210V04	0.0877	100.0	0.0	0.0	1	1	0							
C 210V03	210V03	0.0120	100.0	0.0	0.0	1	1	0							
C 211V03	211V03	0.1106	100.0	0.0	0.0	3	3	0							
C 211V02	211V02	0.1625	100.0	0.0	0.0	3	3	0							
C 212V01	212V01	0.0385	100.0	0.0	0.0	1	1	0							
C 213V07	213V07	0.0199	100.0	0.0	0.0	1	1	0							
C 213V06	213V06	0.0514	100.0	0.0	0.0	1	1	0							
C 213V05	213V05	0.0259	100.0	0.0	0.0	1	1	0							
C 213V04	213V04	0.0609	100.0	0.0	0.0	1	1	0							
C 213V03	213V03	0.0619	100.0	0.0	0.0	1	1	0							
C 213V02	213V02	0.1891	100.0	0.0	0.0	3	3	0							
C 213V01	213V01	0.0139	100.0	0.0	0.0	1	1	0							
C 214V02	214V02	0.0476	100.0	0.0	0.0	1	1	0							
C 215V01	215V01	0.2350	100.0	0.0	0.0	3	3	0							
C 216V01	216V01	0.0292	100.0	0.0	0.0	1	1	0							
C 217V01	217V01	0.0876	100.0	0.0	0.0	1	1	0							
C 218V01	218V01	0.0664	100.0	0.0	0.0	1	1	0							
C 219V01	219V01	0.0530	100.0	0.0	0.0	1	1	0							
C 220V02	220V02	0.0390	100.0	0.0	0.0	1	1	0							
C 221V01	221V01	0.0425	100.0	0.0	0.0	1	1	0							
C Harb 1	N1085	0.0761	100.0	0.0	0.0	1	1	0							
C Harb 2	N1094	0.0463	100.0	0.0	0.0	1	1	0							
C Harb 3	N1096	0.0936	100.0	0.0	0.0	1	1	0							
C Harb 5	N1100	0.0938	100.0	0.0	0.0	1	1	0							
C Harb 6	N1102	0.0373	100.0	0.0	0.0	1	1	0							
C Harb 7	N1104	0.0080	100.0	0.0	0.0	1	1	0							
C Harb 8	N1106	0.0092	100.0	0.0	0.0	1	1	0							
C Harb 9	N1108	0.0536	100.0	0.0	0.0	1	1	0							
C Harb 10	N1110	0.2080	100.0	0.0	0.0	3	3	0							
C Harb 4	N1111	0.0404	100.0	0.0	0.0	1	1	0							
C DQ 1	Dummy DQ 1	0.3103	100.0	0.0	0.0	3	3	0							
C DQ 2	Dummy DQ 2	0.3178	100.0	0.0	0.0	3	3	0							
Cat468	Pit1483	11.7250	60.0	40.0	0.0	9.3	11.4	0							
C DQ 3	Pit1563	0.0642	100.0	0.0	0.0	1	1	0							
PIPE DETAILS															
Name	From	To	Length	U/S IL	D/S IL	Slope	Type	Dia	I.D.	Rough	Pipe Is	No. Pipes	Chg From	At Chg	
			(m)	(m)	(m)	(%)		(mm)	(mm)						
P 1\24	1\24	1\23	6.4	0.120	0.120	0.00	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\24	0	
P 1\23	1\23	1\22	6.4	0.120	0.110	0.16	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\23	0	
P 1\22	1\22	1\21	59.49	0.110	0.010	0.17	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\22	0	
P 1\21	1\21	1\20	9.649	0.010	0.000	0.10	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\21	0	
P 1\20	1\20	1\19	31.638	0.000	-0.049	0.15	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\20	0	
P 1\19	1\19	1\18	26.37	-0.049	-0.090	0.16	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\19	0	
P 1\18	1\18	1\17	8.046	-0.090	-0.100	0.12	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\18	0	
P 1\17	1\17	1\16	37.189	-0.100	-0.162	0.17	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\17	0	
P 1\16	1\16	1\15	22.82	-0.162	-0.200	0.17	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\16	0	
P 1\15	1\15	1\14	17.763	-0.200	-0.230	0.17	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\15	0	
P 1\14	1\14	1\13	9.903	-0.230	-0.230	0.00	Box Culverts	2.1W x 1.8H		0.3	Existing	1	1\14	0	
P 1\13	1\13	1\12	16.315	-0.849	-0.870	0.13	Box Culverts	3W x 2.4H		0.3	Existing	1	1\13	0	
P 1\12	1\12	1\11	17.827	-0.870	-0.890	0.11	Box Culverts	3W x 2.4H		0.3	Existing	1	1\12	0	
P 1\11	1\11	1\10	80.999	-0.890	-1.000	0.14	Box Culverts	3W x 2.4H		0.3	Existing	1	1\11	0	
P 1\10	1\10	1\09	41.262	-1.000	-1.050	0.12	Box Culverts	3W x 2.4H		0.3	Existing	1	1\10	0	
P 1\09	1\09	1\08	24.819	-1.050	-1.060	0.04	Box Culverts	3W x 2.4H		0.3	Existing	1	1\09	0	
P 1\08	1\08	1\07	29.4	-1.080	-1.120	0.14	Box Culverts	3W x 2.4H		0.3	Existing	1	1\08	0	
P 1\07	1\07	1\06	165.963	-1.120	-1.330	0.13	Box Culverts	3W x 2.4H		0.3	Existing	1	1\07	0	
P 1\06	1\06	1\05	34.693	-1.330	-1.380	0.14	Box Culverts	3W x 2.4H		0.3	Existing	1	1\06	0	
P 1\05	1\05	1\04	91.882	-1.380	-1.490	0.12	Box Culverts	3W x 2.4H		0.3	Existing	1	1\05	0	
P 1\04	1\04	1\03	10.41	-1.490	-1.510	0.19	Box Culverts	3W x 2.4H		0.3	Existing	1	1\04	0	
P 1\03	1\03	1\02	113.333	-1.510	-1.620	0.10	Box Culverts	3W x 2.4H		0.3	Existing	1	1\03	0	
P 1\02	1\02	1\01	32.628	-1.620	-1.620	0.00	Box Culverts	3W x 2.4H		0.3	Existing	1	1\02	0	
P 5\03	5\03	5\02	20.01	1.220	0.890	1.65	RCP Class 2	375	375	0.3	Existing	1	5\03	0	
P 5\02	5\02	5\01	27.679	0.860	0.310	1.99	RCP Class 2	375	375	0.3	Existing	1	5\02	0	
P 5\01	5\01	46\17	9.95	0.220	0.120	1.01	RCP Class 2	600	600	0.3	Existing	1	5\01	0	
P 46\17	46\17	46\16	11.384	-0.867	-0.877	0.09	Box Culverts	3.71W x 2.175H		1.5	Existing	1	46\17	0	
P 46\16	46\16	46\15	19.209	-0.877	-0.897	0.10	Box Culverts	3.71W x 2.21H		1.5	Existing	1	46\16	0	
P 46\15	46\15	46\14	12.76												

P 805	805	804	8.26		0.600	0.550	0.61	Box Culverts	1.2W x 1.5H	0.3	Existing	1	805	0	
P 905	905	904	28.626		0.114	0.077	0.13	Box Culverts	3.05W x 1.6H	1	Existing	1	905	0	
P 924	924	923	13.994		0.077	0.058	0.14	Box Culverts	3.35W x 1.6H	1	Existing	1	924	0	
P 923	923	922	33.783		0.058	0.014	0.13	Box Culverts	3.35W x 1.6H	1	Existing	1	923	0	
P 922	922	921	66.821		0.014	-0.073	0.13	Box Culverts	3.35W x 1.6H	1	Existing	1	922	0	
P 921	921	920	11.2		-0.073	-0.081	0.07	Box Culverts	3.35W x 1.6H	1	Existing	1	921	0	
P 920	920	919	22.825		-0.081	-0.111	0.13	Box Culverts	3.35W x 1.6H	1	Existing	1	920	0	
P 919	919	918	14.555		-0.111	-0.129	0.12	Box Culverts	3.35W x 1.6H	1	Existing	1	919	0	
P 918	918	917	42.746		-0.129	-0.185	0.13	Box Culverts	3.35W x 1.6H	1	Existing	1	918	0	
P 917	917	916	11.2		-0.185	-0.199	0.12	Box Culverts	3.35W x 1.6H	1	Existing	1	917	0	
P 1004	1004	1003	14.087		1.110	0.900	1.49	RCP Class 2	300	300	0.3	Existing	1	1004	0
P 1003	1003	1002	4.075		0.870	0.810	1.47	RCP Class 2	450	450	0.3	Existing	1	1003	0
P 1002	1002	1001	15.621		0.790	0.450	2.18	uPVC	450	450	0.3	Existing	1	1002	0
P 1001	1001	918	7.11		0.430	-0.129	7.86	RCP Class 2	375	375	0.3	Existing	1	1001	0
P 1143	1143	1142	11.2		0.600	0.560	0.36	Box Culverts	3.6W x 2.1H	0.3	Existing	1	1143	0	
P 1142	1142	1141	11.2		0.550	0.540	0.09	Box Culverts	3.6W x 2.1H	0.3	Existing	1	1142	0	
P 1141	1141	1140	11.2		0.540	0.530	0.09	Box Culverts	3.6W x 2.1H	0.3	Existing	1	1141	0	
P 1140	1140	1139	11.2		0.530	0.440	0.80	Box Culverts	3.6W x 2.1H	0.3	Existing	1	1140	0	
P 1139	1139	1138	13.33		0.440	-0.060	3.75	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1139	0	
P 1138	1138	1137	13.33		-0.060	-0.190	0.98	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1138	0	
P 1137	1137	1136	13.33		-0.190	-0.141	-0.37	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1137	0	
P 1136	1136	1135	13.33		-0.141	-0.083	-0.44	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1136	0	
P 1135	1135	1134	13.33		-0.083	-0.021	-0.47	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1135	0	
P 1134	1134	1133	13.33		-0.210	-0.218	0.06	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1134	0	
P 1133	1133	1132	13.5		-0.218	-0.240	0.16	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1133	0	
P 1132	1132	1131	84.404		-0.240	-0.427	0.22	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1132	0	
P 1131	1131	1130	13.33		-0.427	-0.442	0.11	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1131	0	
P 1130	1130	1129	28.167		-0.442	-0.505	0.22	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1130	0	
P 1129	1129	1128	13.33		-0.505	-0.531	0.20	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1129	0	
P 1128	1128	1127	13.33		-0.531	-0.539	0.06	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1128	0	
P 1127	1127	1126	36.724		-0.539	-0.620	0.22	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1127	0	
P 1126	1126	1125	13.33		-0.620	-0.644	0.18	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1126	0	
P 1125	1125	1124	13.33		-0.644	-0.652	0.06	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1125	0	
P 1124	1124	1123	13.33		-0.652	-0.676	0.18	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1124	0	
P 1123	1123	1122	21.087		-0.676	-0.723	0.22	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1123	0	
P 1122	1122	1121	33.009		-0.723	-0.796	0.22	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1122	0	
P 1121	1121	1120	13.33		-0.796	-0.810	0.11	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1121	0	
P 1120	1120	1119	13.33		-0.810	-0.832	0.17	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1120	0	
P 1119	1119	1118	13.33		-0.832	-0.844	0.09	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1119	0	
P 1118	1118	1117	15.935		-0.844	-0.880	0.23	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1118	0	
P 1117	1117	1116	13.33		-0.880	-0.890	0.08	Box Culverts	4.3W x 2.4H	0.3	Existing	1	1117	0	
P 1116	1116	1115	9.1		-0.890	-0.890	0.00	Box Culverts	3W x 2.4H	0.3	Existing	2	1116	0	
P 1115	1115	1114	81.002		-0.890	-1.000	0.14	Box Culverts	3W x 2.4H	0.3	Existing	2	1115	0	
P 1114	1114	1113	9.1		-1.000	-1.010	0.11	Box Culverts	3W x 2.4H	0.3	Existing	2	1114	0	
P 1113	1113	1112	9.1		-1.010	-1.010	0.00	Box Culverts	3W x 2.4H	0.3	Existing	2	1113	0	
P 1112	1112	1111	49.601		-1.010	-1.080	0.14	Box Culverts	3W x 2.4H	0.3	Existing	2	1112	0	
P 1111	1111	1110	9.1		-1.080	-1.090	0.11	Box Culverts	3W x 2.4H	0.3	Existing	2	1111	0	
P 1110	1110	1109	17.631		-1.110	-1.090	-0.11	Box Culverts	3W x 2.4H	0.3	Existing	2	1110	0	
P 1109	1109	1108	168.743		-1.110	-1.330	0.13	Box Culverts	3W x 2.4H	0.3	Existing	2	1109	0	
P 1108	1108	1107	9.1		-1.330	-1.340	0.11	Box Culverts	3W x 2.4H	0.3	Existing	2	1108	0	
P 1107	1107	1106	29.197		-1.340	-1.380	0.14	Box Culverts	3W x 2.4H	0.3	Existing	2	1107	0	
P 1106	1106	1105	91.882		-1.380	-1.490	0.12	Box Culverts	3W x 2.4H	0.3	Existing	2	1106	0	
P 1105	1105	1104	11.743		-1.490	-1.510	0.17	Box Culverts	3W x 2.4H	0.3	Existing	2	1105	0	
P 1104	1104	1103A	97.327		-1.510	-1.607	0.10	Box Culverts	3W x 2.4H	0.3	Existing	2	1104	0	
P 1103A	1103A	1103	11.308		-1.607	-1.618	0.10	Box Culverts	3W x 2.4H	0.3	Existing	2	1103A	0	
P 1103	1103	1102	9.1		-1.615	-1.620	0.05	Box Culverts	3W x 2.4H	0.3	Existing	2	1103	0	
P 1102	1102	1101	32.241		-1.620	-1.620	0.00	Box Culverts	3W x 2.4H	0.3	Existing	2	1102	0	
P 1201	1201	1926	3.25		1.820	1.360	14.15	RCP Class 2	225	225	0.3	Existing	1	1201	0
P 1926	1926	1925	2.765		1.360	1.300	2.17	uPVC	375	386	0.3	Existing	1	1926	0
P 1925	1925	1924	2.677		1.250	1.221	1.08	uPVC	375	386	0.3	Existing	1	1925	0
P 1924	1924	1923	7.74		1.220	1.140	1.03	uPVC	375	386	0.3	Existing	1	1924	0
P 1923	1923	1922	29.066		0.990	0.765	0.77	RCP Class 2	750	750	0.3	Existing	1	1923	0
P 1922	1922	1921	43.293		0.765	0.429	0.78	RCP Class 2	750	750	0.3	Existing	1	1922	0
P 1921	1921	1920	12.843		0.429	0.361	0.53	RCP Class 2	750	750	0.3	Existing	1	1921	0
P 1920	1920	1919	6.701		0.361	0.360	0.01	RCP Class 2	750	750	0.3	Existing	1	1920	0
P 1919	1919	1918	4.463		0.340	0.328	0.27	RCP Class 2	1200	1200	0.3	Existing	1	1919	0
P 1918	1918	1917	19.605		0.328	0.273	0.28	RCP Class 2	1200	1200	0.3	Existing	1	1918	0
P 1917	1917	1916	7.44		0.273	0.253	0.27	RCP Class 2	1200	1200	0.3	Existing	1	1917	0
P 1916	1916	1915	3.7		0.253	0.247	0.16	RCP Class 2	1200	1200	0.3	Existing	1	1916	0
P 1915	1915	1914	3.7		0.247	0.240	0.19	RCP Class 2	1200	1200	0.3	Existing	1	1915	0
P 1914	1914	1913	28.693		0.240	0.160	0.28	RCP Class 2	1200	1200	0.3	Existing	1	1914	0
P 1913	1913	1912	22.994		0.160	0.180	-0.09	RCP Class 2	1200	1200	0.3	Existing	1	1913	0
P 1912	1912	1911	4.2		0.180	0.171	0.21	RCP Class 2	1350	1370	0.3	Existing	1	1912	0
P 1911	1911	1910	22.708		0.171	0.110	0.27	RCP Class 2	1350	1370	0.3	Existing	1	1911	0
P 1910	1910	1909	7.93		0.110	0.020	1.13	RCP Class 2	1350	1370	0.3	Existing	1	1910	0
P 1909	1909	1908	19.837		0.020	0.020	0.00	RCP Class 2	1500	1524	0.3	Existing	1	1909	0
P 1908	1908	1907	18.107		0.020	-0.087	0.59	RCP Class 2	1500	1524	0.3	Existing	1	1908	0
P 1907	1907	1906	17.926		-0.087	-0.193	0.59	RCP Class 2	1500	1524	0.3	Existing	1	1907	0
P 1906	1906	1905	17.031		-0.193	-0.294	0.59	RCP Class 2	1500	1524	0.3	Existing	1	1906	0
P 1905	1905	1904	12.667		-0.294	-0.369	0.59	RCP Class 2	1500	1524	0.3	Existing	1	1905	0
P 1904	1904	1903	21.329		-0.369	-0.490	0.57	RCP Class 2	1500	1524	0.3	Existing	1	1904	0
P 1903	1903	1902	7.904		-0.490	-0.490	0.00	RCP Class 2	1500	1524	0.3	Existing	1	1903	0
P 1902	1902	1901	11.361		-0.400	-0.420	0.18	RCP Class 2	1500	1524	0.3	Existing	1	1902	0
P 1901	1901	46015	19.935		-0.490	-0.897	2.04	RCP Class 2	1500	1524	0.3	Existing	1	1901	0
P 1302	1302	1301	6.693		1.760	1.320	6.57	RCP Class 2	375	375	0.3	Existing	1	1302	0
P 1301	1301	1001	4.91		1.320	1.200	2.44	RCP Class 2	375	375	0.3	Existing	1	1301	0
P 1402	1402	1401	15.291		2.140	1.510	4.12	RCP Class 2	300	300	0.3	Existing	1	1402	0
P 1401	1401	1002	18.919		1.490	1.460	0.16	RCP Class 2	300	300	0.3	Existing	1	1401	0
P 1504	1504	1503	10.102		2.480	2.380	0.99	RCP Class 2	450	450	0.3	Existing	1	1504	0
P 1503	1503	1502	10.77		2.300	2.200	0.93	RCP Class 2	525	525	0.3	Existing	1	1503	0
P 1502	1502	1501	9.309		0.440	0.340	1.07	RCP Class 2	525	525	0.3	Existing	1	1502	0
P 1501	1501	919	7.93		0.320	-0.111	5.44	RCP Class 2	525	525	0.3	Existing	1	1501	0
P 1603	1603	1602	64.878		0.490	0.050	0.68	R							

P 45I01	45I01	9I23	13.704	0.500	0.058	3.23	RCP Class 2	900	900	0.3	Existing	1	45I01	0
P 46I27	46I27	46I26	53.751	0.568	0.260	0.57	Box Culverts	3.05W x 1.98H	1.5	Existing	1	46I27	0	
P 46I26	46I26	46I25	12.12	0.260	0.190	0.58	Box Culverts	3.05W x 1.98H	1.5	Existing	1	46I26	0	
P 46I25	46I25	46I24	93.351	0.190	-0.346	0.57	Box Culverts	3.05W x 1.95H	1.5	Existing	1	46I25	0	
P 46I24	46I24	46I23	11.5	-0.346	-0.380	0.30	Box Culverts	3.05W x 1.95H	1.5	Existing	1	46I24	0	
P 46I23	46I23	46I22	37.84	-0.380	-0.600	0.58	Box Culverts	3.05W x 1.98H	1.5	Existing	1	46I23	0	
P 46I22	46I22	46I21	13.159	-0.600	-0.675	0.57	Box Culverts	3.05W x 1.98H	1.5	Existing	1	46I22	0	
P 46I21	46I21	46I20	11.5	-0.675	-0.710	0.30	Box Culverts	3.05W x 1.98H	1.5	Existing	1	46I21	0	
P 46I20	46I20	46I19	18.358	-0.710	-0.727	0.09	Box Culverts	3.43W x 2.21H	1.5	Existing	1	46I20	0	
P 46I19	46I19	46I18	120	-0.727	-0.832	0.09	Box Culverts	3.43W x 2.21H	1.5	Existing	1	46I19	0	
P 46I18	46I18	46I17	39.317	-0.832	-0.867	0.09	Box Culverts	3.71W x 2.175H	1.5	Existing	1	46I18	0	
P 47I02	47I02	47I01	85.22	0.360	-0.351	0.83	Box Culverts	3.075W x 1.575H	1	Existing	1	47I02	0	
P 47I01	47I01	1I13	47.843	-0.351	-0.750	0.83	Box Culverts	3.075W x 1.575H	1	Existing	1	47I01	0	
P 48I09	48I09	48I08	17.544	8.600	5.650	16.81	uPVC	225	242	0.3	Existing	1	48I09	0
P 48I08	48I08	48I07	71.972	5.600	2.700	4.03	uPVC	225	242	0.3	Existing	1	48I08	0
P 48I07	48I07	48I06	3.112	2.650	2.571	2.54	RCP Class 2	450	450	0.3	Existing	1	48I07	0
P 48I06	48I06	48I05	5.516	2.571	2.430	2.56	RCP Class 2	450	450	0.3	Existing	1	48I06	0
P 48I05	48I05	48I04	17.852	2.430	2.020	2.30	RCP Class 2	450	450	0.3	Existing	1	48I05	0
P 48I04	48I04	48I03	58.764	2.020	1.250	1.31	RCP Class 2	450	450	0.3	Existing	1	48I04	0
P 48I03	48I03	48I02	4.322	1.230	1.120	2.55	RCP Class 2	450	450	0.3	Existing	1	48I03	0
P 48I02	48I02	48I01	4.149	1.100	1.054	1.11	RCP Class 2	450	450	0.3	Existing	1	48I02	0
P 48I01	48I01	1I141	14.076	1.054	0.900	1.09	RCP Class 2	450	450	0.3	Existing	1	48I01	0
P 49I01	49I01	38I16	6.951	4.200	2.030	31.22	RCP Class 2	225	225	0.3	Existing	1	49I01	0
P 50I04	50I04	50I03	19.618	3.950	3.730	1.12	uPVC	300	303	0.3	Existing	1	50I04	0
P 50I03	50I03	50I02	15.129	3.650	3.500	0.99	RCP Class 2	300	300	0.3	Existing	1	50I03	0
P 50I02	50I02	50I01	3.334	3.400	3.300	3.00	RCP Class 2	300	300	0.3	Existing	1	50I02	0
P 50I01	50I01	38I15	13.593	3.250	3.150	0.74	RCP Class 2	300	300	0.3	Existing	1	50I01	0
P 51I01	51I01	17I01	10.115	0.920	0.380	5.34	RCP Class 2	375	375	0.3	Existing	1	51I01	0
P 52I05	52I05	52I04	12.166	1.830	1.750	0.66	RCP Class 2	375	375	0.3	Existing	1	52I05	0
P 52I04	52I04	52I03	13.94	1.670	1.540	0.93	RCP Class 2	375	375	0.3	Existing	1	52I04	0
P 52I03	52I03	52I02	19.496	1.500	1.090	2.10	RCP Class 2	450	450	0.3	Existing	1	52I03	0
P 52I02	52I02	52I01	6.585	1.070	1.050	0.30	RCP Class 2	450	450	0.3	Existing	1	52I02	0
P 52I01	52I01	1I123	5.905	1.030	1.000	0.51	RCP Class 2	525	525	0.3	Existing	1	52I01	0
P 53I01	53I01	17I002	6.261	2.730	1.960	12.30	RCP Class 2	225	225	0.3	Existing	1	53I01	0
P 17I0I2	17I0I2	17I0I1	2.4	1.870	1.850	0.83	RCP Class 2	750	750	0.3	Existing	1	17I0I2	0
P 17I0I1	17I0I1	1I136	13.038	1.850	1.400	3.45	RCP Class 2	750	750	0.3	Existing	1	17I0I1	0
P 54I04	54I04	54I03	8.906	2.900	2.790	1.24	RCP Class 2	225	225	0.3	Existing	1	54I04	0
P 54I03	54I03	54I02	7.035	2.790	2.420	5.26	RCP Class 2	375	375	0.3	Existing	1	54I03	0
P 54I02	54I02	54I01	1.748	2.420	2.400	1.14	RCP Class 2	375	375	0.3	Existing	1	54I02	0
P 54I01	54I01	17I0I1	6.596	2.380	2.350	0.45	RCP Class 2	375	375	0.3	Existing	1	54I01	0
P 55I03	55I03	55I02	2.699	3.180	2.980	7.41	uPVC	300	303	0.3	Existing	1	55I03	0
P 55I02	55I02	55I01	2.73	2.480	2.404	2.78	RCP Class 2	300	300	0.3	Existing	1	55I02	0
P 55I01	55I01	17I0I2	5.881	2.404	2.240	2.79	RCP Class 2	300	300	0.3	Existing	1	55I01	0
P 56I07	56I07	56I06	12.587	2.340	1.990	2.78	RCP Class 2	375	375	0.3	Existing	1	56I07	0
P 56I06	56I06	56I05	14.661	2.010	1.760	1.71	RCP Class 2	375	375	0.3	Existing	1	56I06	0
P 56I05	56I05	56I04	6.889	1.760	1.750	0.15	RCP Class 2	375	375	0.3	Existing	1	56I05	0
P 56I04	56I04	56I03	10.089	1.710	1.690	0.20	RCP Class 2	375	375	0.3	Existing	1	56I04	0
P 56I03	56I03	56I02	14.64	1.650	0.500	7.86	RCP Class 2	375	375	0.3	Existing	1	56I03	0
P 56I02	56I02	56I01	18.009	0.330	0.100	1.28	RCP Class 2	375	375	0.3	Existing	1	56I02	0
P 56I01	56I01	9I08	3.715	0.100	0.000	2.69	RCP Class 2	375	375	0.3	Existing	1	56I01	0
P 57I04	57I04	57I03	22.111	4.810	3.420	6.29	uPVC	300	303	0.3	Existing	1	57I04	0
P 57I03	57I03	57I02	1.362	3.330	3.320	0.73	RCP Class 2	375	375	0.3	Existing	1	57I03	0
P 57I02	57I02	57I01	14.244	3.320	2.350	6.81	RCP Class 2	375	375	0.3	Existing	1	57I02	0
P 57I01	57I01	56I02	3.097	2.330	2.280	1.61	RCP Class 2	375	375	0.3	Existing	1	57I01	0
P 58I03	58I03	58I02	10.417	1.840	1.600	2.30	RCP Class 2	300	300	0.3	Existing	1	58I03	0
P 58I02	58I02	58I01	10.518	1.370	1.230	1.33	RCP Class 2	375	375	0.3	Existing	1	58I02	0
P 58I01	58I01	56I01	4.936	1.180	0.100	21.88	RCP Class 2	375	375	0.3	Existing	1	58I01	0
P 59I02	59I02	59I01	1.63	2.960	2.970	-0.61	Box Culverts	0.525W x 0.375H	0.3	Existing	1	59I02	0	
P 59I01	59I01	1I140	10.742	2.365	2.365	0.00	RCP Class 2	300	300	0.3	Existing	1	59I01	0
P 60I01	60I01	61I01	1.998	1.110	0.990	6.01	RCP Class 2	450	450	0.3	Existing	1	60I01	0
P 61I01	61I01	47I01	5.694	0.950	-0.351	22.85	RCP Class 2	450	450	0.3	Existing	1	61I01	0
P 61I02	61I02	61I01	7.044	2.370	0.970	19.88	RCP Class 2	300	300	0.3	Existing	1	61I02	0
P 62I03	62I03	62I02	12.407	1.750	1.630	0.97	RCP Class 2	375	375	0.3	Existing	1	62I03	0
P 62I02	62I02	62I01	16.055	0.490	0.330	1.00	RCP Class 2	375	375	0.3	Existing	1	62I02	0
P 62I01	62I01	9I22	4.66	0.310	0.014	6.35	RCP Class 2	375	375	0.3	Existing	1	62I01	0
P 63I03	63I03	63I02	13.38	2.570	1.470	8.22	RCP Class 2	300	300	0.3	Existing	1	63I03	0
P 63I02	63I02	63I01	3.964	1.400	1.300	2.52	RCP Class 2	375	375	0.3	Existing	1	63I02	0
P 63I01	63I01	45I02	2.047	0.610	0.600	0.49	RCP Class 2	375	375	0.3	Existing	1	63I01	0
P 64I03	64I03	64I02	7.624	1.880	1.780	1.31	RCP Class 2	375	375	0.3	Existing	1	64I03	0
P 64I02	64I02	64I01	11.133	1.680	1.480	1.80	RCP Class 2	375	375	0.3	Existing	1	64I02	0
P 64I01	64I01	9I24	20.419	1.470	0.077	6.82	RCP Class 2	375	375	0.3	Existing	1	64I01	0
P 65I02	65I02	65I01	11.844	1.600	1.500	0.84	RCP Class 2	450	450	0.3	Existing	1	65I02	0
P 65I01	65I01	1I16	2.915	0.030	-0.162	6.59	RCP Class 2	450	450	0.3	Existing	1	65I01	0
P 66I02	66I02	66I01	18.039	0.780	0.650	0.72	RCP Class 2	375	375	0.3	Existing	1	66I02	0
P 66I01	66I01	46I14	6.19	-0.300	-0.310	0.16	RCP Class 2	375	375	0.3	Existing	1	66I01	0
P 67I02	67I02	67I01	2.8	4.210	4.210	0.00	Box Culverts	0.225W x 0.9H	0.3	Existing	1	67I02	0	
P 67I01	67I01	48I06	3.408	4.210	4.200	0.29	RCP Class 2	375	375	0.3	Existing	1	67I01	0
P 68I02	68I02	68I01	0.902	1.580	1.560	2.22	uPVC	225	242	0.3	Existing	1	68I02	0
P 68I01	68I01	19I15	4.23	1.060	1.000	1.42	RCP Class 2	450	450	0.3	Existing	1	68I01	0
P 69I02	69I02	69I01	1.13	1.440	1.430	0.88	Box Culverts	0.225W x 0.225H	0.3	Existing	1	69I02	0	
P 69I01	69I01	19I14	8.981	0.950	0.850	1.11	RCP Class 2	450	450	0.3	Existing	1	69I01	0
P 70I03	70I03	70I02	2.838	1.630	1.570	2.11	RCP Class 2	225	225	0.3	Existing	1	70I03	0
P 70I02	70I02	70I01	2.88	1.150	1.121	1.01	RCP Class 2	450	450	0.3	Existing	1	70I02	0
P 71I03	71I03	71I02	11.835	2.300	1.750	4.65	RCP Class 2	375	375	0.3	Existing	1	71I03	0
P 71I02	71I02	71I01	2.89	1.730	1.720	0.35	RCP Class 2	300	300	0.3	Existing	1	71I02	0
P 71I01	71I01	19I22	3.102	1.669	1.630	1.26	RCP Class 2	450	450	0.3	Existing	1	71I01	0
P 72I02	72I02	72I01	5.721	2.370	2.290	1.40	uPVC	300	303	0.3	Existing	1	72I02	0
P 72I01	72I01	19I23	16.153	1.660	1.270	2.41	RCP Class 2	300	300	0.3	Existing	1	72I01	0
P 73I04	73I04	73I03	6.925	3.230	3.120	1.59	RCP Class 2	225	225	0.3	Existing	1	73I04	0
P 73I03	73I03	73I02	2.09	3.110	3.040	3.35	RCP Class 2	225	225	0.3	Existing	1	73I03	0
P 73I02	73I02	73I01	4.694	2.340	2.300	0.85	RCP Class 2	225	225	0.3	Existing	1	73I02	0
P 73I01	73I01	1I142	6.014	2										

P 9305	9305	9304	8.661		1.210	1.110	1.15	RCP Class 2	225	225	0.3	Existing	1	9305	0
P 9304	9304	9303	1.98		1.110	1.100	0.51	RCP Class 2	225	225	0.3	Existing	1	9304	0
P 9303	9303	9302	5.432		1.100	0.990	2.03	RCP Class 2	225	225	0.3	Existing	1	9303	0
P 9302	9302	9301	12.655		0.940	0.940	0.00	RCP Class 2	300	300	0.3	Existing	1	9302	0
P 9301	9301	4607	6.901		0.940	0.400	7.82	RCP Class 2	300	300	0.3	Existing	1	9301	0
P 9402	9402	9401	3.177		1.410	1.390	0.63	RCP Class 2	375	375	0.3	Existing	1	9402	0
P 9401	9401	8101	4.339		0.330	0.290	0.92	RCP Class 2	375	375	0.3	Existing	1	9401	0
P 9503	9503	9502	6.995		1.570	1.440	1.86	RCP Class 2	375	375	0.3	Existing	1	9503	0
P 9502	9502	9501	3.432		1.410	1.340	2.04	RCP Class 2	375	375	0.3	Existing	1	9502	0
P 9501	9501	8101	11.638		1.030	0.550	4.12	RCP Class 2	375	375	0.3	Existing	1	9501	0
P 9610	9610	9609	13.323		3.280	3.270	0.08	RCP Class 2	375	375	0.3	Existing	1	9610	0
P 9609	9609	9608	4.512		3.270	3.210	1.33	RCP Class 2	375	375	0.3	Existing	1	9609	0
P 9608	9608	9607	17.124		3.190	3.000	1.11	RCP Class 2	375	375	0.3	Existing	1	9608	0
P 9607	9607	9606	33.448		2.980	2.588	1.17	RCP Class 2	375	375	0.3	Existing	1	9607	0
P 9606	9606	9605	6.703		2.588	2.510	1.16	RCP Class 2	375	375	0.3	Existing	1	9606	0
P 9605	9605	9604	36.421		2.290	1.230	2.91	RCP Class 2	375	375	0.3	Existing	1	9605	0
P 9604	9604	9603	3.004		1.220	1.180	1.33	RCP Class 2	375	375	0.3	Existing	1	9604	0
P 9603	9603	9602	7.71		1.180	0.850	4.28	RCP Class 2	375	375	0.3	Existing	1	9603	0
P 9602	9602	9601	12.765		0.850	0.820	0.24	RCP Class 2	450	450	0.3	Existing	1	9602	0
P 9601	9601	906	10.39		-0.490	0.000	-4.72	RCP Class 2	1500	1524	0.3	Existing	1	9601	0
P 9801	9801	9602	6.895		1.380	1.300	1.16	RCP Class 2	375	375	0.3	Existing	1	9801	0
P 9901	9901	10206	22.759		2.820	1.420	6.15	RCP Class 2	375	375	0.3	Existing	1	9901	0
P 10206	10206	10205	10.003		1.020	0.880	1.40	RCP Class 2	375	375	0.3	Existing	1	10206	0
P 10205	10205	10204	19.062		0.650	0.560	0.47	RCP Class 2	375	375	0.3	Existing	1	10205	0
P 10204	10204	10203	10.409		0.520	0.440	0.77	RCP Class 2	450	450	0.3	Existing	1	10204	0
P 10203	10203	10202	15.922		0.330	0.220	0.69	RCP Class 2	450	450	0.3	Existing	1	10203	0
P 10202	10202	10201	8.823		0.210	0.110	1.13	RCP Class 2	450	450	0.3	Existing	1	10202	0
P 10201	10201	904	32.469		0.110	0.000	0.34	RCP Class 2	450	450	0.3	Existing	1	10201	0
P 10001	10001	9609	5.355		4.640	4.550	1.68	RCP Class 2	300	300	0.3	Existing	1	10001	0
P 10214	10214	10213	6.424		4.400	4.330	1.09	uPVC	300	303	0.3	Existing	1	10214	0
P 10213	10213	10212	7.24		4.350	4.250	1.38	uPVC	300	303	0.3	Existing	1	10213	0
P 10212	10212	10211	7.815		4.310	4.130	2.30	uPVC	300	303	0.3	Existing	1	10212	0
P 10211	10211	10210	7.482		4.170	4.090	1.07	uPVC	300	303	0.3	Existing	1	10211	0
P 10210	10210	10209	7.654		4.100	3.910	2.48	uPVC	300	303	0.3	Existing	1	10210	0
P 10209	10209	10208	1.7		3.920	3.910	0.59	RCP Class 2	300	300	0.3	Existing	1	10209	0
P 10208	10208	10207	19.603		3.910	2.800	5.66	uPVC	300	303	0.3	Existing	1	10208	0
P 10207	10207	10206	14.048		1.780	1.020	5.41	RCP Class 2	375	375	0.3	Existing	1	10207	0
P 10304	10304	10303	5.924		4.700	4.690	0.17	uPVC	100	105	0.3	Existing	1	10304	0
P 10303	10303	10302	8.573		4.690	4.680	0.12	uPVC	100	105	0.3	Existing	1	10303	0
P 10302	10302	10301	8.495		4.680	4.660	0.24	uPVC	100	105	0.3	Existing	1	10302	0
P 10301	10301	10207	5.212		2.900	2.840	1.15	uPVC	100	105	0.3	Existing	1	10301	0
P 10401	10401	10206	8.018		1.500	1.320	2.24	RCP Class 2	375	375	0.3	Existing	1	10401	0
P 10501	10501	10205	19.902		1.100	0.820	1.41	RCP Class 2	375	375	0.3	Existing	1	10501	0
P 10602	10602	10601	16.575		1.800	1.410	2.35	RCP Class 2	375	375	0.3	Existing	1	10602	0
P 10601	10601	10204	19.771		1.390	0.990	2.02	RCP Class 2	375	375	0.3	Existing	1	10601	0
P 10702	10702	10701	16.556		1.210	1.044	1.00	RCP Class 2	375	375	0.3	Existing	1	10702	0
P 10701	10701	906	15.273		1.320	1.230	0.59	RCP Class 2	375	375	0.3	Existing	1	10701	0
P 10801	10801	10202	23.732		1.650	1.260	1.64	RCP Class 2	375	375	0.3	Existing	1	10801	0
P 10902	10902	10901	17.103		0.390	0.350	0.23	RCP Class 2	375	375	0.3	Existing	1	10902	0
P 10901	10901	10202	20.602		0.240	0.160	0.39	RCP Class 2	450	450	0.3	Existing	1	10901	0
P 11005	11005	11004	8.733		2.870	2.760	1.26	uPVC	150	154	0.3	Existing	1	11005	0
P 11004	11004	11003	10.529		2.750	2.680	0.66	uPVC	150	154	0.3	Existing	1	11004	0
P 11003	11003	11002	5.98		2.670	2.660	0.17	uPVC	150	154	0.3	Existing	1	11003	0
P 11002	11002	11001	12.906		2.630	2.550	0.62	uPVC	150	154	0.3	Existing	1	11002	0
P 11001	11001	10201	0.923		1.849	1.849	0.00	uPVC	150	154	0.3	Existing	1	11001	0
P 11103	11103	11102	13.422		1.840	1.790	0.37	RCP Class 2	225	225	0.3	Existing	1	11103	0
P 11102	11102	11101	12.377		0.760	0.000	6.14	RCP Class 2	375	375	0.3	Existing	1	11102	0
P672	11101	1103A	4		0.760	0.000	19.00	RCP Class 2	375	375	0.3	Existing	1	11101	0
P 11201	11201	11102	1.153		2.060	1.770	25.15	uPVC	225	242	0.3	Existing	1	11201	0
P 11302	11302	11301	17.38		1.200	1.120	0.46	RCP Class 2	375	375	0.3	Existing	1	11302	0
P 11301	11301	11101	20.714		0.980	0.780	0.97	RCP Class 2	375	375	0.3	Existing	1	11301	0
P 12610	12610	12609	10.744		1.810	1.670	1.30	RCP Class 2	225	225	0.3	Existing	1	12610	0
P 12609	12609	12608	10.217		1.450	1.380	0.69	RCP Class 2	375	375	0.3	Existing	1	12609	0
P 12608	12608	12607	9.273		1.360	1.310	0.54	RCP Class 2	375	375	0.3	Existing	1	12608	0
P 12607	12607	12606	9.995		1.280	1.290	-0.10	RCP Class 2	375	375	0.3	Existing	1	12607	0
P 12606	12606	12605	8.975		1.270	1.280	-0.11	RCP Class 2	375	375	0.3	Existing	1	12606	0
P 12605	12605	12604	9.652		1.250	1.190	0.62	RCP Class 2	375	375	0.3	Existing	1	12605	0
P 12604	12604	12603	10.196		1.170	1.120	0.49	RCP Class 2	375	375	0.3	Existing	1	12604	0
P 12603	12603	12602	11.801		1.000	1.050	-0.42	RCP Class 2	375	375	0.3	Existing	1	12603	0
P 12602	12602	12601	9.406		1.040	1.090	-0.53	RCP Class 2	375	375	0.3	Existing	1	12602	0
P 12601	12601	4605	35.727		1.090	1.000	0.25	RCP Class 2	375	375	0.3	Existing	1	12601	0
P 12901	12901	502	11.936		1.060	1.060	0.00	RCP Class 2	375	375	0.3	Existing	1	12901	0
P 13003	13003	13002	20.352		0.500	0.350	0.74	RCP Class 2	1050	1070	0.3	Existing	1	13003	0
P 13002	13002	13001	11.075		0.270	0.130	1.26	RCP Class 2	1050	1070	0.3	Existing	1	13002	0
P 13001	13001	907	48.36		0.003	0.000	0.01	RCP Class 2	1050	1070	0.3	Existing	1	13001	0
P 13103	13103	13102	12.348		2.900	2.800	0.81	RCP Class 2	225	225	0.3	Existing	1	13103	0
P 13102	13102	13101	8.252		2.800	2.700	1.21	RCP Class 2	225	225	0.3	Existing	1	13102	0
P 13101	13101	9606	8.6		2.700	2.600	1.16	RCP Class 2	225	225	0.3	Existing	1	13101	0
P 13303	13302	13301	3.395		1.440	1.410	0.88	RCP Class 2	375	375	0.3	Existing	1	13302	0
P 13302	13301	134-01	9.95		1.340	1.300	0.40	RCP Class 2	375	375	0.3	Existing	1	13301	0
P620	134-01	4608	23		0.200	0.120	0.35	RCP Class 2	450	450	0.3	Existing	1	134-01	0
P 13403	13403	13402	14.16		1.550	1.340	1.48	RCP Class 2	300	300	0.3	Existing	1	13403	0
P 13402	13402	134-01	9.205		1.080	1.000	0.87	RCP Class 2	300	300	0.3	Existing	1	13402	0
P 13503	13503	13502	12.72		3.780	3.410	2.91	RCP Class 2	375	375	0.3	Existing	1	13503	0
P 13502	13502	13501	16.719		3.700	3.520	1.08	RCP Class 2	375	375	0.3	Existing	1	13502	0
P 13501	13501	13402	22.967		1.960	1.280	2.96	RCP Class 2	375	375	0.3	Existing	1	13501	0
P 13601	13601	13402	13.008		1.550	1.420	1.00	RCP Class 2	300	300	0.3	Existing	1	13601	0
P 13702	13702	13701	3.301		1.470	1.400	2.12	RCP Class 2	300	300	0.3	Existing	1	13702	0
P 13701	13701	134-01	8.964		0.230	0.200	0.33	RCP Class 2	375	375	0.3	Existing	1	13701	0
P 13802	13802	13801	3.536		1.360	1.350	0								

P 169V01	169V01	73V01	7.745		3.020	2.900	1.55	uPVC	150	154	0.3	Existing	1	169V01	0
P 170V03	170V03	170V02	63.214		2.900	1.870	1.63	RCP Class 2	750	750	0.3	Existing	1	170V03	0
P 171V01	171V01	171V01	7.192		2.970	1.800	16.27	RCP Class 2	300	300	0.3	Existing	1	171V01	0
P 172V01	172V01	11V39	3.722		2.860	2.500	9.67	RCP Class 2	225	225	0.3	Existing	1	172V01	0
P 173V01	173V01	55V01	10.051		3.310	2.450	8.56	uPVC	300	303	0.3	Existing	1	173V01	0
P 174V01	174V01	11V29	7.824		2.160	2.000	2.04	RCP Class 2	225	225	0.3	Existing	1	174V01	0
P 175V01	175V01	11V28	5.753		2.520	2.000	9.04	RCP Class 2	300	300	0.3	Existing	1	175V01	0
P 176V01	176V01	11V27	4.693		2.520	2.000	11.08	RCP Class 2	300	300	0.3	Existing	1	176V01	0
P 177V01	177V01	46V24	4.693		2.520	2.000	11.08	RCP Class 2	300	300	0.3	Existing	1	177V01	0
P 178V01	178V01	11V25	5.309		1.524	1.438	1.62	Box Culverts	0.225W x 0.225H		0.3	Existing	1	178V01	0
P 179V02	179V02	179V01	11.26		2.300	1.300	8.88	RCP Class 2	300	300	0.3	Existing	1	179V02	0
P 180V02	180V02	180V01	8.576		2.070	1.890	2.10	uPVC	150	154	0.3	Existing	1	180V02	0
P 180V01	180V01	46V18	66.467		1.080	1.000	0.12	RCP Class 2	300	300	0.3	Existing	1	180V01	0
P 181V01	181V01	46V13	5.199		1.100	1.000	1.92	RCP Class 2	375	375	0.3	Existing	1	181V01	0
P 182V09	182V09	182V08	11.822		5.370	4.730	5.41	RCP Class 2	375	375	0.3	Existing	1	182V09	0
P 182V08	182V08	182V07	3.567		4.700	4.560	3.92	RCP Class 2	375	375	0.3	Existing	1	182V08	0
P 183V02	183V02	96V03	15.238		1.800	1.560	1.58	RCP Class 2	300	300	0.3	Existing	1	183V02	0
P 184V01	184V01	93V03	10.469		1.670	1.100	5.44	RCP Class 2	225	225	0.3	Existing	1	184V01	0
P 185V01	185V01	93V04	5.894		1.560	0.990	9.67	RCP Class 2	225	225	0.3	Existing	1	185V01	0
P 186V02	186V02	186V01	13.252		1.380	1.280	0.75	RCP Class 2	225	225	0.3	Existing	1	186V02	0
P 186V01	186V01	36V02	1.738		0.001	0.000	0.06	RCP Class 2	300	300	0.3	Existing	1	186V01	0
P 187V02	187V02	187V01	11.274		0.830	0.730	0.89	RCP Class 2	450	450	0.3	Existing	1	187V02	0
P 187V01	187V01	36V01	62.438		0.730	0.200	0.85	RCP Class 2	450	450	0.3	Existing	1	187V01	0
P 188V01	188V01	58V02	4.257		1.840	1.710	3.05	uPVC	225	242	0.3	Existing	1	188V01	0
P 189V01	189V01	15V03	13.675		2.530	2.430	0.73	RCP Class 2	300	300	0.3	Existing	1	189V01	0
P 190V01	190V01	64V01	6.528		1.900	1.830	1.07	RCP Class 2	375	375	0.3	Existing	1	190V01	0
P 191V01	191V01	63V02	5.985		1.600	1.470	2.17	RCP Class 2	300	300	0.3	Existing	1	191V01	0
P 192V01	192V01	197V02	11.245		2.240	2.070	1.51	RCP Class 2	225	225	0.3	Existing	1	192V01	0
P 197V02	197V02	197V01	5.231		2.070	2.060	0.19	RCP Class 2	300	300	0.3	Existing	1	197V02	0
P 197V01	197V01	10V01	14.353		1.620	1.360	1.81	RCP Class 2	375	375	0.3	Existing	1	197V01	0
P 193V01	193V01	8V05	10.829		4.000	3.500	4.62	RCP Class 2	225	225	0.3	Existing	1	193V01	0
P 194V01	194V01	56V05	7.954		4.400	4.310	1.13	RCP Class 2	375	375	0.3	Existing	1	194V01	0
P 195V01	195V01	130V01	17.385		0.500	0.180	1.84	RCP Class 2	750	750	0.3	Existing	1	195V01	0
P 196V02	196V02	196V01	6.161		2.300	2.250	0.81	RCP Class 2	300	300	0.3	Existing	1	196V02	0
P 196V01	196V01	130V02	15.637		1.930	1.550	2.43	RCP Class 2	375	375	0.3	Existing	1	196V01	0
P 197V05	197V05	197V04	20.906		2.770	2.300	2.25	RCP Class 2	300	300	0.3	Existing	1	197V05	0
P 197V04	197V04	197V03	12.483		2.230	2.180	0.40	RCP Class 2	225	225	0.3	Existing	1	197V04	0
P 197V03	197V03	197V02	4.591		2.110	2.080	0.65	RCP Class 2	300	300	0.3	Existing	1	197V03	0
P 198V02	198V02	198V01	37.287		2.580	1.270	3.51	RCP Class 2	750	750	0.3	Existing	1	198V02	0
P 198V01	198V01	11V9	10.257		0.370	0.000	3.61	RCP Class 2	750	750	0.3	Existing	1	198V01	0
P 199V01	199V01	111V01	14.976		1.500	1.273	1.52	RCP Class 2	450	450	0.3	Existing	1	199V01	0
P 4-01	4-01	3-09	3.01		1.150	1.120	1.00	RCP Class 2	450	450	0.3	Existing	1	4-01	0
P 3-09	3-09	3-08	11.846		-0.380	-0.380	0.00	RCP Class 4	1500	1524	0.3	Existing	1	3-09	0
P 3-08	3-08	3-07	19.926		-0.500	-0.520	0.10	RCP Class 2	1050	1070	0.3	Existing	1	3-08	0
P 3-07	3-07	3-06	14.964		-0.370	-0.420	0.33	RCP Class 2	1050	1070	0.3	Existing	1	3-07	0
P 3-06	3-06	3-05	137.356		-0.420	-0.580	0.12	RCP Class 2	1800	1800	0.3	Existing	1	3-06	0
P 3-05	3-05	3-04	8.641		-0.580	-0.627	0.54	Box Culverts	2.4W x 1.8H		0.3	Existing	1	3-05	0
P 3-04	3-04	3-03	7.612		-0.627	-0.670	0.56	Box Culverts	2.4W x 1.8H		0.3	Existing	1	3-04	0
P 3-03	3-03	3-02	19.607		-0.670	-0.782	0.57	Box Culverts	2.4W x 1.8H		0.3	Existing	1	3-03	0
P 3-02	3-02	3-01	14.783		-0.782	-0.851	0.47	Box Culverts	2.4W x 1.8H		0.3	Existing	1	3-02	0
P 3-01	3-01	A-02	7.3		-0.851	-0.870	0.26	Box Culverts	2.4W x 1.8H		0.3	Existing	1	3-01	0
P A-02	A-02	A-01	69.004		-0.896	-1.000	0.15	Box Culverts	2.7W x 1.8H		0.3	Existing	1	A-02	0
P 22-02	22-02	22-01	63.297		-0.230	-0.543	0.49	Box Culverts	2.1W x 0.9H		0.3	Existing	1	22-02	0
P 22-01	22-01	3-05	7.425		-0.543	-0.580	0.50	Box Culverts	2.1W x 0.9H		0.3	Existing	1	22-01	0
P 23-02	23-02	3-06	51.734		-0.161	-0.420	0.50	Box Culverts	2.1W x 0.9H		0.3	Existing	1	23-02	0
P 24-02	24-02	3-06	8.094		0.000	0.000	0.00	RCP Class 2	450	450	0.3	Existing	1	24-02	0
P 24A-02	24A-02	24A-01	4.079		1.850	1.350	12.26	RCP Class 4	525	525	0.3	Existing	1	24A-02	0
P 24A-01	24A-01	3-06	17.449		-0.290	-0.370	0.46	RCP Class 2	750	750	0.3	Existing	1	24A-01	0
P 27-02	27-02	27-01	7.433		1.010	0.990	0.27	RCP Class 2	375	375	0.3	Existing	1	27-02	0
P 27-01	27-01	21-01	4.554		0.990	0.930	1.32	RCP Class 2	450	450	0.3	Existing	1	27-01	0
P 21-01	21-01	3-09	61.076		0.590	-0.310	1.47	RCP Class 2	1050	1070	0.3	Existing	1	21-01	0
P 30-02	30-02	30-01	4.973		1.640	1.640	0.00	RCP Class 2	450	450	0.3	Existing	1	30-02	0
P 30-01	30-01	21-03	4.279		1.640	1.430	4.91	RCP Class 2	450	450	0.3	Existing	1	30-01	0
P 21-03	21-03	21-02	40.293		0.810	0.720	0.22	RCP Class 2	1050	1070	0.3	Existing	1	21-03	0
P 21-02	21-02	21-01	35.106		0.700	0.640	0.17	RCP Class 2	1050	1070	0.3	Existing	1	21-02	0
P 31-02	31-02	31-01	4.121		1.160	1.020	3.40	RCP Class 2	450	450	0.3	Existing	1	31-02	0
P 31-01	31-01	29-01	4.489		1.020	1.020	0.00	RCP Class 2	450	450	0.3	Existing	1	31-01	0
P 29-01	29-01	21-03	55.898		1.020	0.830	0.34	RCP Class 2	1050	1070	0.3	Existing	1	29-01	0
P 33-01	33-01	32-01	6.857		1.660	1.600	0.88	RCP Class 2	450	450	0.3	Existing	1	33-01	0
P 32-01	32-01	29-01	68.564		1.400	1.220	0.26	RCP Class 2	675	675	0.3	Existing	1	32-01	0
P 119-02	119-02	119-01	14.341		1.990	1.970	0.14	uPVC	150	154	0.3	Existing	1	119-02	0
P 119-01	119-01	120-01	8.69		1.600	1.430	1.96	RCP Class 4	525	525	0.3	Existing	1	119-01	0
P 120-01	120-01	121-01	15.932		0.970	0.810	1.00	RCP Class 4	450	450	0.3	Existing	1	120-01	0
P 121-01	121-01	3-01	8.599		0.595	0.509	1.00	RCP Class 2	600	600	0.3	Existing	1	121-01	0
P 120A-01	120A-01	119A-01	17.411		2.110	1.970	0.80	uPVC	150	154	0.3	Existing	1	120A-01	0
P 119A-01	119A-01	121-01	10.889		1.740	1.510	2.11	RCP Class 4	525	525	0.3	Existing	1	119A-01	0
P 121-06	121-06	121-05	23.809		2.080	1.880	0.84	RCP Class 2	375	375	0.3	Existing	1	121-06	0
P 121-05	121-05	121-04	1.257		1.870	1.730	11.14	RCP Class 2	375	375	0.3	Existing	1	121-05	0
P 121-04	121-04	121-03	19.483		1.720	1.575	0.74	RCP Class 2	375	375	0.3	Existing	1	121-04	0
P 121-03	121-03	121-02	5.26		1.575	1.540	0.67	RCP Class 2	375	375	0.3	Existing	1	121-03	0
P 121-02	121-02	121-01	7.432		1.520	1.470	0.67	RCP Class 2	300	300	0.3	Existing	1	121-02	0
P 122-02	122-02	122-01	5.266		1.980	1.885	1.80	RCP Class 2	375	375	0.3	Existing	1	122-02	0
P 122-01	122-01	3-02	1.2		1.885	1.850	2.92	RCP Class 2	375	375	0.3	Existing	1	122-01	0
P 122A-01	122A-01	121-03	1.299		1.980	1.850	10.01	RCP Class 4	375	375	0.3	Existing	1	122A-01	0
P 123-02	123-02	123-01	1.861		1.720	1.700	1.07	RCP Class 2	375	375	0.3	Existing	1	123-02	0
P 123-01	123-01	3-03	4.853		1.680	1.630	1.03	RCP Class 2	375	375	0.3	Existing	1	123-01	0
P 124-01	124-01	22													

P 21102	21102	21101	3.959		0.355	0.336	0.48	RCP Class 2		375	375	0.3	Existing	1	21102	0
P 21101	21101	20904	10.314		0.316	0.264	0.50	RCP Class 2		525	525	0.3	Existing	1	21101	0
P 21201	21201	20905	21.451		2.233	1.551	3.18	RCP Class 2		375	375	0.3	Existing	1	21201	0
P 21307	21307	21306	8.561		3.255	3.213	0.49	RCP Class 2		375	375	0.3	Existing	1	21307	0
P 21306	21306	21305	16.542		3.193	2.803	2.36	RCP Class 2		375	375	0.3	Existing	1	21306	0
P 21305	21305	21304	19.019		2.783	2.688	0.50	RCP Class 2		375	375	0.3	Existing	1	21305	0
P 21304	21304	21303	13.857		2.668	2.599	0.50	RCP Class 2		375	375	0.3	Existing	1	21304	0
P 21303	21303	21302	14.408		2.579	2.507	0.50	RCP Class 2		300	300	0.3	Existing	1	21303	0
P 21302	21302	21301	22.885		2.487	2.372	0.50	RCP Class 2		450	450	0.3	Existing	1	21302	0
P 21301	21301	20910	12.821		2.352	2.288	0.50	RCP Class 2		375	375	0.3	Existing	1	21301	0
P 21402	21402	21401	8.146		5.115	4.703	5.06	RCP Class 2		225	225	0.3	Existing	1	21402	0
P 21401	21401	20911	36.307		4.249	2.775	4.06	RCP Class 2		375	375	0.3	Existing	1	21401	0
P 21501	21501	20911	7.051		3.348	3.091	3.64	RCP Class 2		375	375	0.3	Existing	1	21501	0
P 21601	21601	20912	10.246		3.619	3.280	3.31	RCP Class 2		225	225	0.3	Existing	1	21601	0
P 21701	21701	20913	13.596		3.785	3.305	3.53	RCP Class 2		375	375	0.3	Existing	1	21701	0
P 21801	21801	20914	11.18		4.092	3.597	4.43	RCP Class 2		300	300	0.3	Existing	1	21801	0
P 21901	21901	20915	10.189		4.190	3.724	4.57	RCP Class 2		300	300	0.3	Existing	1	21901	0
P 22002	22002	22001	24.011		2.417	2.297	0.50	RCP Class 2		375	375	0.3	Existing	1	22002	0
P 22001	22001	20907	2.527		2.277	2.265	0.47	RCP Class 2		375	375	0.3	Existing	1	22001	0
P 22101	22101	20909	24.045		3.094	2.715	1.58	RCP Class 2		525	525	0.3	Existing	1	22101	0
P 4610 weir	4610 weir	46109	23.507		0.200	-0.997	5.09	Box Culverts	3.7W x 1H			1.5	Existing	1	4610 weir	0
Dummy Pipe DQ 1	Dummy DQ 1	46104A	5		2.800	2.750	1.00	Box Culverts	0.45W x 0.15H			0.3	NewFixed	1	Dummy DQ 0	0
P948	Dummy DQ 2	46104A	5		2.800	2.750	1.00	Box Culverts	0.45W x 0.15H			0.3	NewFixed	1	Dummy DQ 0	0
Pipe951	Pit1483	N1622	10		13.490	13.190	3.00	RCP Class 2		900	900	0.3	Existing	1	Pit1483	0
Pipe960	Pit1563	1104	2		2.000	1.980	1.00	RCP Class 2		450	450	0.3	New	1	Pit1563	0
DETAILS of SERVICES CROSSING PIPES																
Pipe	Chg	Bottom	Height of Service		Chg	Bottom	Height of S	Chg		Bottom	Height of S	etc				
	(m)	Elev (m)	(m)		(m)	Elev (m)	(m)	(m)		Elev (m)	(m)	etc				
CHANNEL DETAILS																
Name	From	To	Type		Length	U/S IL	D/S IL	Slope		Base Width	L.B. Slope	R.B. Slope	Manning	Depth	Roofed	
					(m)	(m)	(m)	(%)		(m)	(1:?)	(1:?)	n	(m)		
OVERFLOW ROUTE DETAILS																
Name	From	To	Travel		Spill	Crest	Weir	Cross		Safe Depth	SafeDepth	Safe	Bed	D/S Area		id
			Time		Level	Length	Coeff. C	Section		Major Storm	Minor Storm	DxV	Slope	Contributing		
			(min)		(m)	(m)				(m)	(m)	(sq.m/sec)	(%)	%		
F 1124	1124	1123	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1127
F 1123	1123	1122	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1128
F 1122	1122	1121	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1129
F 1121	1121	1120	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1130
F 1120	1120	1119	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1131
F 1119	1119	1118	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1132
F 1118	1118	1117	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1133
F 1117	1117	1116	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1134
F 1116	1116	1115	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1135
F 1115	1115	1114	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1136
F 1114	1114	1113	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1137
F 1113	1113	9125	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1138
F 1112	1112	1111	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1139
F 1111	1111	1110	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1140
F 1110	1110	1109	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1141
F 1109	1109	1108	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1142
F 1108	1108	1107	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1143
F 1107	1107	1106	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1144
F 1106	1106	14102	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1145
F 1105	1105	1104	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1146
F 1104	1104	1103	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1147
F 1103	1103	1102	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1148
F 1102	1102	O 1102	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1149
F 5103	5103	5102	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1150
F 5102	5102	5101	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1151
F 5101	5101	46117	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1152
F 46117	46117	46116	0.2					Dummy used to model flow across road low points		0.2	0.05	0.6	1	0		1334
F 46116	46116	461156														

OF3062	30-02	30-01	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		10573733
F 30-01	30-01	31-01	0.2				Kerb and Gutter	0.15	0.15	0.6	1	50		3017897
OF2899	31-02	N1729	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		9945119
OF2743	31-01	N1729	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		9316518
OF606	29-01	31-02	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		28885427
F 33-01	33-01	31-01	0.2				Kerb and Gutter	0.15	0.15	0.6	1	50		3017900
OF5011	120-01	119A-01	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		16503883
OF2453	120A-01	N1727	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		8185479
F 119A-01	119A-01	N1727	0.2				Kerb and Gutter	0.15	0.15	0.6	0.8	50		3017901
F 121-06	121-06	121-05	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		3017902
F 122A-01	121-05	N1726	0.2				Kerb and Gutter	0.15	0.15	0.6	0.5	60		3017903
F 122-02	122-02	123-02	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		3017904
OF4002	122A-01	N1726	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		13653823
OF3808	123-02	N1727	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		13009657
OF2315	124-01	124A-02	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		7619970
OF1801	124A-02	N5971	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		5455166
F 125-02	125-02	122A-01	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		3017906
F 127-01	127-01	30-01	0.2				Concrete V-Drain	0.1	0.1	0.6	1	100		3017907
OF6765	132-02	121-05	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		20702334
OF4017	3-11	4-01	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		13653838
F 3-10	3-10	3-11	0.2				Concrete V-Drain	0.1	0.1	0.6	3	0		3017892
OF4035	29-02	31-01	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		13653859
F 32-03	32-03	32-02	0.2				Kerb and Gutter	0.15	0.15	0.6	1	100		3017898
F 32-02	32-02	29-02	0.2				Kerb and Gutter	0.15	0.15	0.6	1	50		3017899
F 21-04	21-04	29-02	0.2				Kerb and Gutter	0.15	0.15	0.6	1	50		3017893
OF3410	28-01	N1729	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		11831005
OF616	Dummy 1	N1000	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		78534361
OF623	Dummy 3	N1012	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		78534394
OF621	Dummy 2	N1013	0.2				Dummy used to model flow across road low points	0.2	0.05	0.6	1	0		78534392
F 200U04	200U04	200U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534581
F 200U03	200U03	200U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534582
F 200U02	200U02	O 200U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534583
F 201U01	201U01	O 201U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534584
F 202U02	202U02	202U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534585
F 202U01	202U01	200U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534586
F 204U02	204U02	201U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534587
F 204U01	204U01	201U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534588
F 205U04	205U04	205U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534589
F 205U03	205U03	O 205U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534590
F 205U02	205U02	O 205U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534591
F 206U03	206U03	206U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534592
F 206U02	206U02	206U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534593
F 206U01	206U01	208U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534594
F 208U02	208U02	O 208U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534599
F 207U02	207U02	207U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534595
F 207U01	207U01	208U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534596
F 208U04	208U04	208U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534597
F 208U03	208U03	208U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534598
F 209U17	209U17	219U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534600
F 209U16	209U16	209U15	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534601
F 209U15	209U15	209U14	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534602
F 209U14	209U14	209U13	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534603
F 209U13	209U13	209U12	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534604
F 209U12	209U12	209U11	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534605
F 209U11	209U11	209U10	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534606
F 209U10	209U10	209U09	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534607
F 209U09	209U09	209U08	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534608
F 209U08	209U08	209U07	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534609
F 209U07	209U07	209U06	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534610
F 209U06	209U06	209U05	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534611
F 209U05	209U05	209U04	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534612
F 209U04	209U04	209U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534613
F 209U03	209U03	209U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534614
F 209U02	209U02	209U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534615
F 209U01	209U01	208U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534616
F 210U05	210U05	O 210U05	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534617
F 210U04	210U04	210U05	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534618
F 210U03	210U03	210U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534619
F 210U02	210U02	210U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534620
F 210U01	210U01	209U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534621
F 211U03	211U03	211U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534622
F 211U02	211U02	211U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534623
F 211U01	211U01	209U04	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534624
F 212U01	212U01	209U05	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534625
F 213U07	213U07	213U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534626
F 213U06	213U06	213U05	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534627
F 213U05	213U05	213U04	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534628
F 213U04	213U04	213U03	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534629
F 213U03	213U03	213U02	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534630
F 213U02	213U02	213U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534631
F 213U01	213U01	209U10	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534632
F 214U02	214U02	209U07	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534633
F 214U01	214U01	209U11	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534634
F 215U01	215U01	209U11	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534635
F 216U01	216U01	209U11	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534636
F 217U01	217U01	216U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534637
F 218U01	218U01	217U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534638
F 219U01	219U01	218U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534639
F 220U02	220U02	220U01	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534640
F 220U01	220U01	209U07	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534641
F 221U01	221U01	209U08	0.2				8 m wide road (half section)	0.14	0.14	0.6	1	0		78534642
OF686	N1085	N1086	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534645
OF691	N1094	N1092	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534662
OF693	N1096	N1097	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534669
OF697	N1100	N1099	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534678
OF700	N1102	N1101	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534681
OF701	N1104	N1103	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534682
OF702	N1106	N1105	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534683
OF703	N1108	N1107	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534684
OF704	N1110	N1109	0.2				Dummy used to model flow across road low points	0.3	0.3	0.6	1	0		78534685
OF695	N1111	N109												

Existing DRAINS Model Results



PROJECT SICEEP DARLING HARBOUR

TITLE 100 YEAR ARI RESULTS

JOB No
PREPARED
CHECKED

GD

AA004399

DATE
DATE

25/02/2013

DRAINS File Path:	F:\AA004399\ID-Calcs\A-Civil\A-Stormwater\A-DRAINS
DRAINS Version:	DRAINS Version 2012.12 - 10 October 2012
Modeller's Name:	Chris McClelland
Description:	Existing Conditions

DRAINS results prepared 27 February, 2013 from Version 2012.14

								RESULTS 100 YEAR ARI		
PIT / NODE DETAILS				Version 8						
Name	Max HGL	Max Pond HGL	Max Surface Flow Arriving (cu.m/s)	Max Pond Volume (cu.m)	Min Freeboard (m)	Overflow (cu.m/s)	Constraint			
1\24	3.72		9.434		0.55	0.000	None			
1\23	3.70		0.000		0.72	0.000	None			
1\22	3.69		0.000		0.74	0.000	None			
1\21	3.56		0.000		0.53	0.000	None			
1\20	3.53		0.000		0.46	0.000	None			
1\19	3.46		1.041		0.23	1.041	Inlet Capacity			
1\18	3.24		1.041		0.22	1.041	Inlet Capacity			
1\17	3.21		1.041		0.17	1.041	Inlet Capacity			
1\16	3.09		1.249		0.07	1.249	Inlet Capacity			
1\15	2.97		1.249		0.27	1.249	Inlet Capacity			
1\14	2.92		1.249		0.30	1.249	Inlet Capacity			
1\13	2.88		6.390		0.34	6.390	Inlet Capacity			
1\12	2.42		0.000		0.68	0.000	None			
1\11	2.38		0.000		0.95	0.000	None			
1\10	2.14		0.000		1.83	0.000	None			
1\09	2.05		0.000		1.60	0.000	None			
1\08	1.99		0.000		0.77	0.000	None			
1\07	1.92		0.000		2.13	0.000	None			
1\06	1.55		0.000		3.68	0.000	None			
1\05	1.47		0.000		1.21	0.000	None			
1\04	1.26		0.000		2.34	0.000	None			
1\03	1.23		0.000		1.97	0.000	None			
1\02	0.97		0.000		1.54	0.000	None			
1\01	0.90		0.000							
5\03	2.23		0.111		1.04	0.111	Inlet Capacity			
5\02	2.23		0.489		0.00	0.419	Outlet System			
5\01	2.11		0.490		0.00	0.945	Outlet System			
46\17	2.32		12.155		7.68	12.155	Inlet Capacity			
46\16	2.30		12.155		7.70	12.155	Inlet Capacity			
46\15	2.28		14.869		0.42	14.869	Inlet Capacity			
46\14	2.21		14.949		0.38	14.949	Inlet Capacity			
46\13	2.17		14.949		0.36	14.949	Inlet Capacity			
46\12	2.09		14.949		3.60	14.949	Inlet Capacity			
46\11	2.07		14.949		3.38	14.949	Inlet Capacity			
46\10	2.04		0.000		0.62	0.000	None			
46\09	1.59		14.962		2.16	14.962	Inlet Capacity			
46\08	1.58		14.962		2.00	14.962	Inlet Capacity			
46\07	1.54		15.020		1.15	15.020	Inlet Capacity			
46\06	1.52		15.129		1.61	15.129	Inlet Capacity			
46\05	1.49		15.474		2.36	15.474	Inlet Capacity			
46\04A	1.37		0.000		2.47	0.000	None			
46\04	1.08		15.474		1.72	15.474	Inlet Capacity			
46\03	1.05		15.474		1.85	15.474	Inlet Capacity			
46\02	0.96		15.474		1.84	15.474	Inlet Capacity			
46\01	0.90		0.000							
6\02	2.08		0.000		0.03	0.000	None			
6\01	2.08		0.000		0.00	0.072	Outlet System			
7\03	2.69		0.000		2.17	0.000	None			
7\02	2.69		0.040		2.42	0.013	Inlet Capacity			
7\01	1.63		0.013		3.44	0.013	Inlet Capacity			
8\04	1.62		0.013		3.25	0.013	Inlet Capacity			
8\03	1.60		0.013		3.47	0.013	Inlet Capacity			
8\02	1.52		0.013		2.21	0.013	Inlet Capacity			
8\01	1.37		0.013		2.39	0.013	Inlet Capacity			
9\16	1.33		5.955		2.80	5.955	Inlet Capacity			
9\15	1.30		5.955		4.48	5.955	Inlet Capacity			
9\14	1.25		5.955		8.75	5.955	Inlet Capacity			
9\13	1.24		5.955		4.46	5.955	Inlet Capacity			
9\12	1.24		5.955		4.26	5.955	Inlet Capacity			
9\11	1.20		5.977		2.66	5.977	Inlet Capacity			
9\10	1.18		5.977		1.55	5.977	Inlet Capacity			
9\09	1.17		5.980		1.28	5.980	Inlet Capacity			
9\08	1.17		5.981		1.29	5.981	Inlet Capacity			
9\07	1.16		5.981		1.30	5.981	Inlet Capacity			
9\06	1.10		6.022		2.26	6.022	Inlet Capacity			
9\05	1.01		6.022		2.04	6.022	Inlet Capacity			
9\04	1.00		6.036		2.37	6.036	Inlet Capacity			
9\03	0.97		6.036		2.33	6.036	Inlet Capacity			
9\02	0.94		6.036		1.53	6.036	Inlet Capacity			
9\01	0.90		0.000							
8\06	1.65		2.937		3.31	0.000	None			
8\05	1.65		0.000		3.17	0.000	None			
9\25	1.36		6.390		1.70	6.390	Inlet Capacity			
9\24	1.36		6.492		2.00	6.231	Inlet Capacity			
9\23	1.36		6.241		1.99	6.241	Inlet Capacity			
9\22	1.35		6.265		2.14	6.265	Inlet Capacity			
9\21	1.34		6.203		2.27	6.203	Inlet Capacity			

9\20	1.34		6.203		2.16	6.203	Inlet Capacity				
9\19	1.34		6.268		1.90	6.268	Inlet Capacity				
9\18	1.34		6.279		2.18	5.953	Inlet Capacity				
9\17	1.33		5.953		2.53	5.953	Inlet Capacity				
10\04	2.36		0.000		0.00	0.035	Outlet System				
10\03	2.38		0.035		0.98	0.011	Inlet Capacity				
10\02	2.38		0.033		0.83	0.033	Inlet Capacity				
10\01	2.37		0.052		0.76	0.052	Inlet Capacity				
11\43	4.04		49.816		0.23	15.828	Inlet Capacity				
11\42	3.97	3.97	0.000	5.0	-0.10	9.426	Outlet System				
11\41	3.89	3.96	0.000	5.0	-0.13	2.334	Outlet System				
11\40	3.81	4.01	0.000	5.0	-0.09	2.044	Outlet System				
11\39	3.72	4.05	0.000	5.0	-0.17	0.475	Outlet System				
11\38	3.35	3.54	0.000	0.0	0.19	0.000	None				
11\37	3.30	3.58	0.000	0.0	0.27	0.000	None				
11\36	3.26	3.61	0.000	0.0	0.36	0.000	None				
11\35	3.15	3.64	0.000	0.0	0.49	0.000	None				
11\34	3.02	3.67	0.000	0.0	0.65	0.000	None				
11\33	3.00	3.74	0.000	0.0	0.74	0.000	None				
11\32	2.95	3.77	0.000	0.0	0.82	0.000	None				
11\31	2.83		0.004		0.78	0.004	Inlet Capacity				
11\30	2.77		0.004		0.75	0.004	Inlet Capacity				
11\29	2.73		0.005		0.57	0.005	Inlet Capacity				
11\28	2.71		0.006		0.50	0.006	Inlet Capacity				
11\27	2.65		0.019		0.53	0.019	Inlet Capacity				
11\26	2.56		0.019		0.28	0.019	Inlet Capacity				
11\25	2.54		0.019		0.22	0.019	Inlet Capacity				
11\24	2.49		1.224		0.24	1.224	Inlet Capacity				
11\23	2.43		1.231		0.23	1.231	Inlet Capacity				
11\22	2.36		1.565		0.26	1.565	Inlet Capacity				
11\21	2.28		1.565		0.51	1.565	Inlet Capacity				
11\20	2.15		1.565		0.68	1.565	Inlet Capacity				
11\19	2.13		1.623		0.78	1.623	Inlet Capacity				
11\18	2.07		1.814		0.87	1.814	Inlet Capacity				
11\17	2.01		1.814		1.29	1.814	Inlet Capacity				
11\16	1.98		1.814		1.73	1.814	Inlet Capacity				
11\15	1.75		1.814		8.25	1.814	Inlet Capacity				
11\14	1.67		1.814		8.33	1.814	Inlet Capacity				
11\13	1.66		1.814		8.34	1.814	Inlet Capacity				
11\12	1.65		2.054		8.35	1.729	Inlet Capacity				
11\11	1.60		1.825		0.69	1.825	Inlet Capacity				
11\10	1.39		1.825		0.93	1.825	Inlet Capacity				
11\09	1.37		1.844		3.57	1.844	Inlet Capacity				
11\08	1.21		1.766		2.39	1.766	Inlet Capacity				
11\07	1.20		1.766		1.53	1.766	Inlet Capacity				
11\06	1.17		1.709		1.45	1.709	Inlet Capacity				
11\05	1.08		1.658		2.10	1.658	Inlet Capacity				
11\04	1.07		1.658		2.00	1.658	Inlet Capacity				
11\03A	0.98		0.000		1.74		None				
11\03	0.94		1.757		1.77	1.757	Inlet Capacity				
11\02	0.93		1.757		1.60	1.757	Inlet Capacity				
11\01	0.90		0.000								
12\01	3.15		0.134		0.00	0.085	Outlet System				
19\26	3.13		0.508		0.00	0.561	Outlet System				
19\25	3.04		0.561		0.10	0.561	Inlet Capacity				
19\24	3.01		0.706		0.13	0.706	Inlet Capacity				
19\23	2.81		0.710		0.17	0.710	Inlet Capacity				
19\22	2.75		1.270		0.08	1.270	Inlet Capacity				
19\21	2.53		1.273		0.17	1.273	Inlet Capacity				
19\20	2.37		1.273		0.31	1.273	Inlet Capacity				
19\19	2.35		1.273		0.19	1.273	Inlet Capacity				
19\18	2.35		1.420		0.11	1.420	Inlet Capacity				
19\17	2.34		1.708		0.00	2.311	Outlet System				
19\16	2.34		2.377		0.00	2.377	Inlet Capacity				
19\15	2.35		2.377		0.00	2.377	Inlet Capacity				
19\14	2.35		2.515		0.02	2.515	Inlet Capacity				
19\13	2.35		3.260		0.26	3.260	Inlet Capacity				
19\12	2.34		3.260		0.27	3.260	Inlet Capacity				
19\11	2.34		3.260		0.23	3.260	Inlet Capacity				
19\10	2.34	2.49	3.260	5.0	0.06	3.260	Inlet Capacity				
19\09	2.33		3.260		0.18	3.260	Inlet Capacity				
19\08	2.32		0.000		0.12		None				
19\07	2.32		0.000		0.45		None				
19\06	2.31		3.076		0.09	3.076	Inlet Capacity				
19\05	2.31		0.000		0.10		None				
19\04	2.30		0.000		0.01		None				
19\03	2.29		0.000		0.24		None				
19\02	2.29		2.787		0.22	2.787	Inlet Capacity				
19\01	2.29		2.787		0.14	2.787	Inlet Capacity				
13\02	2.39		0.021		0.64	0.005	Inlet Capacity				
13\01	2.39		0.131		0.51	0.000	None				
14\02	2.52		0.020		0.84	0.004	Inlet Capacity				
14\01	2.51		0.060		0.09	0.024	Inlet Capacity				
15\04	2.48		0.000		2.44	0.000	None				
15\03	2.45		0.170		0.91	0.094	Inlet Capacity				
15\02	1.35		0.094		2.30	0.094	Inlet Capacity				
15\01	1.34		0.094		2.18	0.094	Inlet Capacity				
16\03	4.40		1.751		0.00	0.129	Outlet System				
16\02	3.45	3.73	0.000	0.0	0.28	0.000	None				
16\01	3.24	3.62	0.000	0.0	0.38	0.000	None				
17\02	2.98		0.309		0.00	0.183	Outlet System				
17\01	2.68		0.781		0.00	0.859	Outlet System				
18\02	2.30		0.068		0.00	0.045	Outlet System				

18\01	2.28		0.050		0.00	0.085	Outlet System				
70\01	2.28		0.149		0.00	0.299	Outlet System				
19\28	5.25		0.697		0.00	0.282	Outlet System				
19\27	4.80		0.282		0.00	0.423	Outlet System				
35\04	4.76		0.025		0.27	0.008	Inlet Capacity				
35\03	3.03		0.048		2.23	0.048	Inlet Capacity				
35\02	3.02		0.048		1.82	0.048	Inlet Capacity				
35\01	3.02		0.048		1.34	0.048	Inlet Capacity				
38\14	3.02		0.218		1.25	0.218	Inlet Capacity				
38\13	2.96		0.218		1.13	0.218	Inlet Capacity				
38\12	2.93		0.218		1.04	0.218	Inlet Capacity				
38\11	2.83		0.218		7.17	0.218	Inlet Capacity				
38\10	2.65		0.700		1.21	0.489	Inlet Capacity				
38\09	2.58		0.489		1.51	0.489	Inlet Capacity				
38\08	1.88		0.489		2.31	0.489	Inlet Capacity				
38\07	1.88		0.489		2.43	0.489	Inlet Capacity				
38\06	1.82		0.489		3.07	0.489	Inlet Capacity				
38\05	1.82		0.489		3.00	0.489	Inlet Capacity				
38\04	1.82		0.489		2.53	0.489	Inlet Capacity				
38\03	1.82		0.489		2.31	0.489	Inlet Capacity				
38\02	1.82		0.489		1.93	0.489	Inlet Capacity				
38\01	1.58		0.489		2.29	0.489	Inlet Capacity				
36\03	1.55		0.167		2.32	0.092	Inlet Capacity				
36\02	1.53		0.092		3.15	0.092	Inlet Capacity				
36\01	1.53		0.490		3.14	0.490	Inlet Capacity				
38\17	4.20		6.496		2.33	0.000	None				
38\16	3.55		0.000		1.91	0.000	None				
38\15	3.08		0.170		1.36	0.170	Inlet Capacity				
39\05	4.53		0.032		1.03	0.010	Inlet Capacity				
39\04	4.30		0.010		1.24	0.001	Inlet Capacity				
39\03	2.36		0.001		1.42	0.001	Inlet Capacity				
39\02	2.34	2.39	0.001	0.5	0.03	0.000	Inlet Capacity				
39\01	2.33	2.39	0.000	0.0	0.06	0.000	None				
40\03	2.37	2.46	0.046	5.0	-0.00	0.002	Outlet System				
40\02	2.34	2.37	0.004	1.3	-0.05	0.000	Outlet System				
40\01	2.34	2.36	0.015	1.4	-0.10	0.000	Outlet System				
41\02	2.34	2.49	0.044	3.4	0.06	0.000	Inlet Capacity				
41\01	2.34	2.41	0.082	5.0	-0.03	0.017	Outlet System				
42\02	2.35	2.46	0.107	4.0	-0.06	0.000	Outlet System				
42\01	2.34	2.35	0.005	1.1	-0.09	0.000	Outlet System				
43\03	2.66		0.371		0.00	0.354	Outlet System				
43\02	2.62		0.436		0.00	0.470	Outlet System				
43\01	2.64		0.497		0.00	0.363	Outlet System				
44\02	2.91		1.206		0.92	1.206	Inlet Capacity				
44\01	2.49		1.206		0.33	1.206	Inlet Capacity				
45\05	6.65		2.216		1.93	0.000	None				
45\04	2.18		0.000		4.06	0.000	None				
45\03	1.97		0.000		4.28	0.000	None				
45\02	1.61		0.011		1.86	0.011	Inlet Capacity				
45\01	1.50		0.011		2.17	0.011	Inlet Capacity				
46\27	3.51		25.863		0.00	11.397	Outlet System				
46\26	3.05		11.397		0.68	11.397	Inlet Capacity				
46\25	3.02		11.400		0.60	11.400	Inlet Capacity				
46\24	2.78		11.400		0.47	11.400	Inlet Capacity				
46\23	2.72		11.400		0.49	11.400	Inlet Capacity				
46\22	2.64		11.400		0.19	11.400	Inlet Capacity				
46\21	2.58		11.400		0.19	11.400	Inlet Capacity				
46\20	2.55		11.400		0.12	11.400	Inlet Capacity				
46\19	2.53		11.400		0.20	11.400	Inlet Capacity				
46\18	2.38	3.27	11.506	5.0	0.68	11.506	Inlet Capacity				
47\02	3.39		15.937		0.26	0.000	None				
47\01	3.01		0.413		0.00	5.477	Outlet System				
48\09	9.69		0.640		0.00	0.461	Outlet System				
48\08	8.78		0.461		0.03	0.461	Inlet Capacity				
48\07	4.33		0.461		1.01	0.461	Inlet Capacity				
48\06	4.30		0.461		0.87	0.461	Inlet Capacity				
48\05	4.26		0.461		0.88	0.461	Inlet Capacity				
48\04	4.19		0.461		0.42	0.461	Inlet Capacity				
48\03	4.03	4.03	0.461	5.0	-0.20	0.526	Outlet System				
48\02	3.98	3.98	0.000	4.7	-0.30	0.000	Outlet System				
48\01	3.94	3.86	0.000	2.9	-0.29	0.000	Outlet System				
49\01	4.29		0.003		1.36	0.000	None				
50\04	4.16		0.030		0.97	0.011	Inlet Capacity				
50\03	4.01		0.047		1.19	0.015	Inlet Capacity				
50\02	3.75		0.015		0.66	0.015	Inlet Capacity				
50\01	3.61		0.015		0.75	0.015	Inlet Capacity				
51\01	2.91		0.953		0.00	0.598	Outlet System				
52\05	2.92		0.038		0.35	0.013	Inlet Capacity				
52\04	2.92		0.054		0.29	0.021	Inlet Capacity				
52\03	2.78		0.033		0.26	0.013	Inlet Capacity				
52\02	2.63		0.026		0.00	0.007	Inlet Capacity				
52\01	2.44		0.007		0.18	0.007	Inlet Capacity				
53\01	3.37	3.64	0.000	0.0	0.27	0.000	None				
170\02	3.37	3.74	0.000	0.0	0.37	0.000	None				
170\01	3.33	3.71	0.000	0.0	0.38	0.000	None				
54\04	3.68	3.68	0.046	1.0	-0.10	0.000	Outlet System				
54\03	3.38	3.55	0.000	0.0	0.17	0.000	None				
54\02	3.36	3.56	0.000	0.0	0.20	0.000	None				
54\01	3.35	3.66	0.000	0.0	0.31	0.000	None				
55\03	3.87	3.85	0.129	1.9	-0.24	0.000	Outlet System				
55\02	3.66	3.89	0.000	0.0	0.24	0.000	None				
55\01	3.54	3.87	0.000	0.0	0.33	0.000	None				
56\07	2.46		0.014		1.03	0.006	Inlet Capacity				

56\06	2.15		0.014		1.30	0.006	Inlet Capacity						
56\05	1.95		0.012		3.60	0.012	Inlet Capacity						
56\04	1.92		0.021		3.67	0.011	Inlet Capacity						
56\03	1.88		0.023		3.74	0.013	Inlet Capacity						
56\02	1.45		0.013		2.15	0.013	Inlet Capacity						
56\01	1.33		0.013		1.12	0.013	Inlet Capacity						
57\04	5.05		0.025		0.42	0.000	None						
57\03	3.67		0.007		0.79	0.007	Inlet Capacity						
57\02	3.66		0.036		0.74	0.000	None						
57\01	2.55		0.000		1.07	0.000	None						
58\03	2.00		0.030		0.57	0.018	Inlet Capacity						
58\02	1.60		0.018		0.96	0.018	Inlet Capacity						
58\01	1.33		5.980		1.13	5.980	Inlet Capacity						
59\02	3.82	3.91	0.000	3.0	-0.20	0.000	Outlet System						
59\01	3.82	3.74	0.008	0.9	-0.21	0.000	Outlet System						
60\01	2.91		0.248		0.00	0.301	Outlet System						
61\01	2.94		0.325		0.00	0.413	Outlet System						
61\02	3.00		0.063		0.08	0.026	Inlet Capacity						
62\03	2.04		0.070		2.38	0.030	Inlet Capacity						
62\02	1.52		0.092		2.14	0.043	Inlet Capacity						
62\01	1.38		0.043		2.23	0.043	Inlet Capacity						
63\03	2.83		0.043		0.64	0.015	Inlet Capacity						
63\02	1.67		0.034		1.63	0.011	Inlet Capacity						
63\01	1.63		0.011		1.79	0.011	Inlet Capacity						
64\03	1.88		0.000		1.36	0.000	None						
64\02	1.80		0.009		1.55	0.001	Inlet Capacity						
64\01	1.65		0.009		1.70	0.001	Inlet Capacity						
65\02	3.01		0.150		0.00	0.220	Outlet System						
65\01	3.06		0.220		0.15	0.220	Inlet Capacity						
66\02	2.11		0.095		0.00	0.150	Outlet System						
66\01	2.18		0.150		0.25	0.150	Inlet Capacity						
67\02	4.30		0.000		0.87	0.000	None						
67\01	4.30		0.000		0.89	0.000	None						
68\02	2.35		0.005		0.04	0.000	None						
68\01	2.35		0.013		0.04	0.002	Inlet Capacity						
69\02	2.23		0.021		0.00	0.011	Outlet System						
69\01	2.23		0.030		0.00	0.167	Outlet System						
70\03	2.33		0.123		0.00	0.107	Outlet System						
70\02	2.30		0.114		0.00	0.063	Outlet System						
71\03	3.33		0.798		0.00	0.462	Outlet System						
71\02	3.06		0.462		0.00	0.688	Outlet System						
71\01	2.92		0.688		0.00	0.519	Outlet System						
72\02	2.86		0.033		0.24	0.010	Inlet Capacity						
72\01	2.84		0.020		0.25	0.005	Inlet Capacity						
73\04	3.92	3.92	0.000	4.6	-0.29	0.000	Outlet System						
73\03	3.95	3.92	0.000	3.4	-0.19	0.000	Outlet System						
73\02	3.96	3.91	0.000	2.7	-0.18	0.000	Outlet System						
73\01	3.96	3.93	0.000	2.2	-0.09	0.000	Outlet System						
74\02	3.84	3.86	0.076	3.8	-0.58	0.000	Outlet System						
74\01	3.73	3.43	0.003	0.4	-0.40	0.000	Outlet System						
75\02	3.15		0.002		0.45	0.000	None						
75\01	3.15		0.058		0.51	0.023	Inlet Capacity						
76\02	2.97		0.028		0.43	0.008	Inlet Capacity						
76\01	2.89		0.016		0.67	0.004	Inlet Capacity						
77\01	3.04		0.004		0.63	0.000	None						
78\08	3.43		0.105		0.00	0.096	Outlet System						
78\07	3.38		0.096		0.00	0.090	Outlet System						
78\06	3.27		0.149		0.00	0.152	Outlet System						
78\05	3.22		0.157		0.00	0.164	Outlet System						
78\04	3.21		0.164		0.00	0.163	Outlet System						
78\03	3.19		0.163		0.00	0.163	Outlet System						
78\02	3.18		0.169		0.00	0.165	Outlet System						
78\01	3.15		0.179		0.00	0.145	Outlet System						
79\03	2.39	2.39	0.119	5.0	-0.20	0.043	Outlet System						
79\02	2.16	2.27	0.032	3.5	0.03	0.000	Inlet Capacity						
79\01	2.07	2.51	0.088	5.0	0.14	0.088	Inlet Capacity						
80\01	2.14		0.136		0.15	0.071	Inlet Capacity						
81\06	2.66		0.069		0.00	0.040	Outlet System						
81\05	2.64		0.286		0.00	0.384	Outlet System						
81\04	2.70		0.384		0.00	0.244	Outlet System						
81\03	2.64		0.293		0.00	0.349	Outlet System						
81\02	2.62		0.479		0.05	0.479	Inlet Capacity						
81\01	2.42		0.480		0.16	0.425	Inlet Capacity						
82\01	2.79		0.042		0.00	0.031	Outlet System						
182\01	2.79		0.099		0.00	0.130	Outlet System						
83\03	2.62		0.025		0.00	0.066	Outlet System						
83\02	2.65		0.066		0.29	0.066	Inlet Capacity						
83\01	2.67		0.116		0.11	0.043	Inlet Capacity						
84\01	3.22		0.024		0.63	0.014	Inlet Capacity						
182\03	3.21		0.032		0.66	0.032	Inlet Capacity						
182\02	3.05		0.068		0.17	0.068	Inlet Capacity						
85\01	3.05		0.025		0.14	0.015	Inlet Capacity						
86\03	3.06		0.012		0.17	0.005	Inlet Capacity						
86\02	3.05		0.025		0.13	0.015	Inlet Capacity						
86\01	3.05		0.034		0.15	0.021	Inlet Capacity						
87\05	3.45		0.030		1.12	0.018	Inlet Capacity						
87\04	3.24		0.022		1.46	0.012	Inlet Capacity						
87\03	3.23		0.012		0.74	0.012	Inlet Capacity						
87\02	3.22		0.012		0.65	0.012	Inlet Capacity						
87\01	3.22		0.020		0.64	0.010	Inlet Capacity						
89\01	5.63		0.032		0.94	0.019	Inlet Capacity						
182\07	4.66		0.024		1.10	0.013	Inlet Capacity						
182\06	3.40		0.017		1.84	0.008	Inlet Capacity						

182\05	3.30		0.015		1.56	0.007	Inlet Capacity					
182\04	3.28		0.017		1.38	0.008	Inlet Capacity					
90\02	3.93		0.000		0.75	0.000	None					
90\01	3.45		0.000									
91\06	3.83		0.078		0.84	0.057	Inlet Capacity					
91\05	3.49		0.057		1.12	0.057	Inlet Capacity					
91\04	3.21		0.106		1.36	0.106	Inlet Capacity					
91\03	2.90		0.106		1.81	0.106	Inlet Capacity					
91\02	2.68		0.106		1.96	0.106	Inlet Capacity					
91\01	2.41		0.000		1.46		None					
93\06	2.71		0.003		0.45	0.000	None					
93\05	2.70		0.010		0.23	0.004	Inlet Capacity					
93\04	2.69		0.030		0.23	0.030	Inlet Capacity					
93\03	2.65		0.122		0.29	0.122	Inlet Capacity					
93\02	2.42		0.502		0.00	0.435	Outlet System					
93\01	1.84		0.435		0.74	0.435	Inlet Capacity					
94\02	2.43		0.017		0.19	0.008	Inlet Capacity					
94\01	2.42		0.020		0.19	0.002	Inlet Capacity					
95\03	2.42		0.006		0.21	0.002	Inlet Capacity					
95\02	2.42		0.005		0.17	0.001	Inlet Capacity					
95\01	2.42		0.011		0.14	0.000	None					
96\10	3.28		0.000		1.19	0.000	None					
96\09	3.27		0.000		2.44	0.000	None					
96\08	3.19		0.000		1.73	0.000	None					
96\07	2.98		0.000		1.89	0.000	None					
96\06	2.59		0.000		2.80	0.000	None					
96\05	2.44		0.046		2.88	0.030	Inlet Capacity					
96\04	1.59		0.030		1.55	0.030	Inlet Capacity					
96\03	1.58		0.129		0.88	0.101	Inlet Capacity					
96\02	1.57		0.191		0.89	0.191	Inlet Capacity					
96\01	1.52		0.191		0.93	0.191	Inlet Capacity					
98\01	1.61		0.115		0.83	0.090	Inlet Capacity					
99\01	2.92		0.009		0.97	0.003	Inlet Capacity					
102\06	2.70		0.085		0.53	0.085	Inlet Capacity					
102\05	2.40		0.239		0.00	0.152	Outlet System					
102\04	1.95		0.152		0.50	0.152	Inlet Capacity					
102\03	1.77		0.152		0.72	0.152	Inlet Capacity					
102\02	1.64		0.171		0.78	0.171	Inlet Capacity					
102\01	1.45		0.225		1.65	0.225	Inlet Capacity					
100\01	4.64		0.000		1.08	0.000	None					
102\14	4.80		0.000		0.92	0.000	None					
102\13	4.80		0.043		0.91	0.028	Inlet Capacity					
102\12	4.79		0.045		0.91	0.029	Inlet Capacity					
102\11	4.77		0.073		0.93	0.053	Inlet Capacity					
102\10	4.72		0.130		0.98	0.102	Inlet Capacity					
102\09	4.60		0.102		1.08	0.078	Inlet Capacity					
102\08	4.44		0.078		1.24	0.078	Inlet Capacity					
102\07	2.98		0.095		0.43	0.072	Inlet Capacity					
103\04	5.71		0.000		0.08	0.000	None					
103\03	5.69		0.050		0.00	0.043	Outlet System					
103\02	5.54		0.043		0.13	0.028	Inlet Capacity					
103\01	4.33		0.028		1.34	0.017	Inlet Capacity					
104\01	2.70		0.020		0.24	0.010	Inlet Capacity					
105\01	2.31		0.025		0.00	0.093	Outlet System					
106\02	1.95		0.004		0.50	0.001	Inlet Capacity					
106\01	1.95		0.001		0.55	0.001	Inlet Capacity					
107\02	1.57		0.000		0.91	0.000	None					
107\01	1.57		0.124		0.91	0.036	Inlet Capacity					
108\01	1.76		0.010		0.68	0.004	Inlet Capacity					
109\02	1.64		0.025		0.73	0.015	Inlet Capacity					
109\01	1.64		0.015		0.76	0.015	Inlet Capacity					
110\05	3.06		0.000		0.13	0.000	None					
110\04	3.06		0.000		0.19	0.000	None					
110\03	3.06		0.001		0.32	0.000	None					
110\02	3.07		0.081		0.35	0.059	Inlet Capacity					
110\01	2.53		0.075		0.57	0.055	Inlet Capacity					
111\03	2.06		0.048		0.84	0.032	Inlet Capacity					
111\02	1.20		0.032		1.64	0.032	Inlet Capacity					
111\01	1.20		0.142		1.58	0.142	Inlet Capacity					
112\01	2.06		0.000		0.78	0.000	None					
113\02	1.20		0.000		1.50	0.000	None					
113\01	1.20		0.000		1.55	0.000	None					
126\10	1.96		0.015		0.62	0.007	Inlet Capacity					
126\09	1.66		0.007		0.90	0.007	Inlet Capacity					
126\08	1.66		0.014		0.90	0.007	Inlet Capacity					
126\07	1.66		0.007		0.90	0.007	Inlet Capacity					
126\06	1.66		0.013		0.90	0.006	Inlet Capacity					
126\05	1.55		0.006		1.01	0.006	Inlet Capacity					
126\04	1.54		0.013		1.02	0.005	Inlet Capacity					
126\03	1.53		0.005		1.03	0.005	Inlet Capacity					
126\02	1.52		0.015		1.07	0.007	Inlet Capacity					
126\01	1.51		0.010		1.09	0.000	None					
129\01	2.24		0.292		0.00	0.266	Outlet System					
130\03	2.49		2.176		3.13	0.000	None					
130\02	2.40		0.004		3.22	0.004	Inlet Capacity					
130\01	1.94		0.004		3.70	0.004	Inlet Capacity					
131\03	2.90		0.000		2.82	0.000	None					
131\02	2.80		0.000		2.77	0.000	None					
131\01	2.70		0.000		2.97	0.000	None					
133\02	2.10		0.026		0.47	0.016	Inlet Capacity					
133\01	2.10		0.019		0.47	0.002	Inlet Capacity					
134-01	2.08		0.000		0.45		None					
134\03	2.11		0.000		0.57	0.000	None					

134\02	2.11		0.043		0.60	0.028	Inlet Capacity						
135\03	3.88		0.000		1.49	0.000	None						
135\02	3.88		0.049		1.48	0.033	Inlet Capacity						
135\01	2.14		0.033		3.40	0.033	Inlet Capacity						
136\01	2.11		0.006		0.61	0.001	Inlet Capacity						
137\02	2.42		0.001		0.20	0.000	None						
137\01	2.42		0.163		0.12	0.069	Inlet Capacity						
138\02	2.55		0.026		0.05	0.015	Inlet Capacity						
138\01	2.55		0.225		0.00	0.153	Outlet System						
139\04	2.62		1.709		0.00	1.665	Outlet System						
139\03	2.58		0.160		0.00	0.179	Outlet System						
139\02	2.58		0.179		0.00	0.208	Outlet System						
139\01	2.56		0.208		0.02	0.208	Inlet Capacity						
140\01	2.64		1.766		0.00	1.709	Outlet System						
141\02	2.04		0.000		0.67	0.000	None						
141\01	2.04		0.062		0.63	0.044	Inlet Capacity						
145\01	1.87		0.065		1.23	0.065	Inlet Capacity						
144\01	1.74		0.116		0.95	0.116	Inlet Capacity						
142\05	2.61		1.701		0.00	1.658	Outlet System						
142\04	2.53		0.000		0.00	0.008	Outlet System						
142\03	2.51		0.008		0.00	0.166	Outlet System						
142\02	2.56		0.274		0.00	0.190	Outlet System						
142\01	2.58		0.195		0.00	0.151	Outlet System						
143\01	2.53		1.665		0.10	1.665	Inlet Capacity						
144\07	4.13		0.013		1.43	0.006	Inlet Capacity						
144\06	3.98		0.024		1.48	0.014	Inlet Capacity						
144\05	3.81		0.038		1.70	0.024	Inlet Capacity						
144\04	2.63		0.029		3.17	0.029	Inlet Capacity						
144\03	2.06		0.051		3.43	0.051	Inlet Capacity						
144\02	1.91		0.051		1.08	0.051	Inlet Capacity						
145\04	4.48		1.848		1.06	1.766	Inlet Capacity						
145\03	3.66		0.000		1.83	0.000	None						
145\02	2.09		0.034		1.72	0.021	Inlet Capacity						
146\01	2.09		0.000		3.29	0.000	None						
147\01	4.04		0.035		1.39	0.022	Inlet Capacity						
148\02	2.76		0.012		2.93	0.005	Inlet Capacity						
148\01	2.64		0.005		2.88	0.005	Inlet Capacity						
149\01	3.68		0.015		1.95	0.007	Inlet Capacity						
151\02	2.22		0.000		0.54	0.000	None						
151\01	2.22		0.133		0.66	0.069	Inlet Capacity						
152\01	2.83		0.081		0.00	0.049	Outlet System						
179\01	2.79		0.285		0.00	0.232	Outlet System						
153\03	2.36		0.000		0.44	0.000	None						
153\02	2.36		0.143		0.41	0.075	Inlet Capacity						
153\01	2.28	2.74	0.116	1.7	0.35	0.000	Inlet Capacity						
154\03	2.96		0.121		0.00	0.127	Outlet System						
154\02	2.96		0.139		0.05	0.040	Inlet Capacity						
154\01	2.75		0.044		0.12	0.016	Inlet Capacity						
155\02	2.53		0.000		0.59	0.000	None						
155\01	2.53		0.049		0.29	0.008	Inlet Capacity						
156\02	2.46		0.063		0.00	0.085	Outlet System						
156\01	2.56		0.154		0.00	0.179	Outlet System						
157\01	2.79		0.172		0.00	0.069	Outlet System						
158\01	2.30		0.003		0.00	0.068	Outlet System						
159\01	2.51		0.193		0.26	0.000	None						
160\02	2.76		0.364		7.24	0.000	None						
160\01	2.50		3.186		0.00	3.158	Outlet System						
161\01	2.33		3.158		0.17	3.076	Inlet Capacity						
162\01	2.32		3.076		0.14	2.994	Inlet Capacity						
163\01	2.32		2.994		0.03	2.912	Inlet Capacity						
164\01	2.55		2.912		0.00	2.787	Outlet System						
165\01	2.34		0.000		0.37	0.000	None						
166\01	2.34		3.262		0.13	3.180	Inlet Capacity						
167\01	8.78		0.000		0.49	0.000	None						
168\01	4.04	4.04	0.081	5.0	-0.40	0.024	Outlet System						
169\01	3.92	3.92	0.016	5.0	-0.10	0.022	Outlet System						
170\03	3.41		0.322		0.80	0.000	None						
171\01	3.00	3.83	0.000	0.1	0.82	0.000	Inlet Capacity						
172\01	3.77	3.77	0.024	1.7	-0.25	0.000	Outlet System						
173\01	3.54	3.76	0.002	0.1	0.20	0.000	Inlet Capacity						
174\01	2.79		0.022		0.48	0.001	Inlet Capacity						
175\01	2.71		0.007		0.48	0.001	Inlet Capacity						
176\01	2.74		0.034		0.48	0.013	Inlet Capacity						
177\01	2.79		0.018		0.45	0.004	Inlet Capacity						
178\01	2.54		0.000		0.24	0.000	None						
179\02	3.28		0.484		0.00	0.228	Outlet System						
180\02	2.47		0.047		0.00	0.039	Outlet System						
180\01	2.43		0.152		0.00	0.134	Outlet System						
181\01	2.18		0.026		0.33	0.004	Inlet Capacity						
182\09	5.48		0.007		1.33	0.000	None						
182\08	4.83		0.005		1.08	0.000	None						
183\02	1.80		0.000		0.67	0.000	None						
184\01	2.76		0.118		0.16	0.092	Inlet Capacity						
185\01	2.72		0.041		0.19	0.026	Inlet Capacity						
186\02	1.53		0.001		3.06	0.000	None						
186\01	1.53		0.000		3.18	0.000	None						
187\02	1.58		0.456		1.79	0.402	Inlet Capacity						
187\01	1.56		0.402		1.85	0.402	Inlet Capacity						
188\01	2.05		0.017		0.55	0.000	None						
189\01	2.53		0.000		1.99	0.000	None						
190\01	1.90		0.000		2.49	0.000	None						
191\01	1.67		0.000		2.86	0.000	None						
192\01	2.81		0.005		1.23	0.000	None						

197\02	2.81		0.020		0.49	0.020	Inlet Capacity					
197\01	2.63		0.020		0.60	0.020	Inlet Capacity					
193\01	4.00		0.000		1.37	0.000	None					
194\01	4.52		0.013		1.05	0.006	Inlet Capacity					
195\01	1.94		0.000		3.68	0.000	None					
196\02	2.42		0.011		7.58	0.004	Inlet Capacity					
196\01	2.40		0.004		3.30	0.004	Inlet Capacity					
197\05	3.64		6.279		0.00	6.203	Outlet System					
197\04	3.53		0.047		0.77	0.017	Inlet Capacity					
197\03	3.02		0.055		0.69	0.020	Inlet Capacity					
198\02	4.83		3.068		0.00	0.814	Outlet System					
198\01	3.79		0.000		0.00	0.248	Outlet System					
199\01	1.72		0.139		0.95	0.110	Inlet Capacity					
4-01	1.90	2.85	0.523	157.6	0.77	0.000	Inlet Capacity					
3-09	1.82		0.000		0.89		None					
3-08	1.81		0.000		0.93		None					
3-07	1.76		0.000		1.18		None					
3-06	1.72		0.000		1.31		None					
3-05	1.39		0.000		1.25		None					
3-04	1.23		0.000		1.43		None					
3-03	1.19		0.000		1.53		None					
3-02	1.12		0.000		1.78		None					
3-01	1.07		0.000		2.13		None					
A-02	1.02		0.000		2.33		None					
A-01	0.90		0.000									
22-02	1.67		4.859		2.33	0.000	None					
22-01	1.42		0.000		1.13		None					
23-02	1.84		3.771		1.84	0.000	None					
24-02	1.72	2.94	0.013	1.4	1.18	0.000	Inlet Capacity					
24A-02	1.91		0.004		1.02	0.000	None					
24A-01	1.72		0.012		1.18	0.002	Inlet Capacity					
27-02	2.40	3.62	0.162	3.3	1.04	0.000	Inlet Capacity					
27-01	1.96		0.021		0.95	0.005	Inlet Capacity					
21-01	1.92		0.000		1.08		None					
30-02	2.40	3.31	0.234	4.0	0.71	0.042	Inlet Capacity					
30-01	2.08		0.087		0.69	0.039	Inlet Capacity					
21-03	2.05		0.000		0.82		None					
21-02	1.99		0.000		1.10		None					
31-02	2.48	3.63	0.258	5.0	0.95	0.065	Inlet Capacity					
31-01	2.17	2.77	0.492	5.0	0.40	0.362	Inlet Capacity					
29-01	2.11		0.000		0.39	0.000	None					
33-01	2.18		0.100		0.74	0.048	Inlet Capacity					
32-01	2.16		0.000		0.86		None					
119-02	1.99		0.000		0.85		None					
119-01	1.76		0.000		1.22		None					
120-01	1.76		0.385		1.33	0.175	Inlet Capacity					
121-01	1.55		0.000		1.43		None					
120A-01	2.13		0.000		0.93	0.000	None					
119A-01	2.13		0.212		0.67	0.124	Inlet Capacity					
121-06	2.76		0.093		0.33	0.043	Inlet Capacity					
121-05	2.70	3.14	0.071	1.5	0.33	0.000	Inlet Capacity					
121-04	2.47		0.000		0.59		None					
121-03	2.25		0.000		0.89		None					
121-02	2.19		0.000		0.90		None					
122-02	2.22		0.036		0.71	0.007	Inlet Capacity					
122-01	2.02		0.000		0.88		None					
122A-01	2.25		0.000		0.91	0.000	None					
123-02	2.44	2.82	0.123	2.4	0.24	0.000	Inlet Capacity					
123-01	2.20		0.000		0.46		None					
124-01	2.01	2.67	0.238	4.0	0.47	0.108	Inlet Capacity					
124A-02	2.98	2.98	0.505	5.0	-0.40	0.408	Outlet System					
124A-01	1.87		0.000		0.73		None					
125-02	1.50		0.293		1.95	0.000	None					
125-01	1.47		0.000		1.71		None					
127-01	1.99		0.017		1.04	0.003	Inlet Capacity					
132-02	1.07		0.182		2.03	0.000	None					
132-01	1.07		0.000		1.99		None					
3-11	1.98	2.63	0.019	1.0	0.58	0.000	Inlet Capacity					
3-10	1.82		0.005		0.94	0.000	Inlet Capacity					
29-02	2.22	2.84	0.437	5.0	0.38	0.275	Inlet Capacity					
32-03	2.43		0.134		0.82	0.069	Inlet Capacity					
32-02	2.21		0.209		0.77	0.122	Inlet Capacity					
21-04	2.07		0.162		0.72	0.089	Inlet Capacity					
28-01	2.52	3.27	0.148	5.0	0.55	0.018	Inlet Capacity					
111A\01	2.50		0.110		0.21		None					
Dummy 1	2.13		0.629		7.87	0.000	None					
Dummy 3	2.09		0.559		7.91	0.000	None					
Dummy 2	2.18		0.717		7.82	0.000	None					
200\04	1.18		0.000		1.49	0.000	None					
200\03	1.18		0.012		1.50	0.012	Inlet Capacity					
200\02	1.15		0.012		1.39	0.012	Inlet Capacity					
200\01	0.90		0.000									
201\01	1.29		0.111		1.07	0.024	Inlet Capacity					
202\02	1.69		0.037		0.97	0.022	Inlet Capacity					
202\01	1.39		0.061		1.18	0.012	Inlet Capacity					
204\02	1.70		0.163		1.17	0.046	Inlet Capacity					
204\01	1.34		0.000		1.20	0.000	None					
205\04	4.56		0.186		1.24	0.056	Inlet Capacity					
205\03	1.13		0.056		1.43	0.056	Inlet Capacity					
205\02	1.04		0.041		1.24	0.003	Inlet Capacity					
205\01	0.90		0.000									
206\03	1.95		3.631		0.00	2.568	Outlet System					
206\02	1.88		2.568		0.38	1.964	Inlet Capacity					

206\01	1.30		2.124		1.89	1.520	Inlet Capacity					
208\02	1.02		1.525		1.78	1.525	Inlet Capacity					
208\01	0.90		0.000									
207\02	2.32		0.012		0.84	0.000	None					
207\01	1.79		0.017		0.73	0.000	None					
208\04	1.18		3.419		1.25	0.000	None					
208\03	1.06		0.060		1.73	0.008	Inlet Capacity					
209\17	4.66		0.009		0.43	0.000	None					
209\16	4.64		0.014		0.04	0.000	None					
209\15	4.62		0.024		0.00	0.026	Outlet System					
209\14	4.51		0.048		0.00	0.073	Outlet System					
209\13	4.32		0.098		0.00	0.043	Outlet System					
209\12	4.13		0.068		0.00	0.103	Outlet System					
209\11	3.99		0.244		0.00	0.295	Outlet System					
209\10	3.63		0.373		0.29	0.154	Inlet Capacity					
209\09	3.39		0.156		0.55	0.043	Inlet Capacity					
209\08	3.26		0.075		0.67	0.012	Inlet Capacity					
209\07	3.19		0.033		0.39	0.001	Inlet Capacity					
209\06	2.93		0.065		0.02	0.009	Inlet Capacity					
209\05	1.94		0.010		0.69	0.000	None					
209\04	1.52		0.632		0.00	0.718	Outlet System					
209\03	1.45		0.811		0.52	0.429	Inlet Capacity					
209\02	1.20		0.433		1.14	0.189	Inlet Capacity					
209\01	1.15		0.192		1.31	0.058	Inlet Capacity					
210\05	1.83		0.042		1.07	0.003	Inlet Capacity					
210\04	1.80		0.066		0.78	0.022	Inlet Capacity					
210\03	1.69		0.009		1.02	0.000	None					
210\02	1.61		0.000		1.19	0.000	None					
210\01	1.52		0.000		0.53	0.000	None					
211\03	1.34		0.083		0.00	0.032	Outlet System					
211\02	1.28		0.153		0.00	0.326	Outlet System					
211\01	1.41		0.326		0.00	0.401	Outlet System					
212\01	2.47		0.029		0.87	0.001	Inlet Capacity					
213\07	3.77		0.015		0.38	0.000	None					
213\06	3.77		0.038		0.58	0.003	Inlet Capacity					
213\05	3.73		0.022		0.06	0.000	None					
213\04	3.69		0.046		0.00	0.153	Outlet System					
213\03	3.69		0.199		0.00	0.278	Outlet System					
213\02	3.85		0.419		0.00	0.222	Outlet System					
213\01	3.80		0.231		0.41	0.077	Inlet Capacity					
214\02	5.48		0.036		0.44	0.002	Inlet Capacity					
214\01	4.35		0.000		1.14	0.000	None					
215\01	4.27		0.176		0.00	0.053	Outlet System					
216\01	4.29		0.032		0.21	0.001	Inlet Capacity					
217\01	4.39		0.071		0.43	0.010	Inlet Capacity					
218\01	4.62		0.053		0.40	0.006	Inlet Capacity					
219\01	4.69		0.040		0.42	0.003	Inlet Capacity					
220\02	3.22		0.029		0.79	0.001	Inlet Capacity					
220\01	3.20		0.001		0.39	0.001	Inlet Capacity					
221\01	3.39		0.032		0.77	0.001	Inlet Capacity					
46\10 weir	1.59		0.000		1.07		None					
Dummy DQ 1	3.19		0.232		0.66	0.000	None					
Dummy DQ 2	3.20		0.237		0.64	0.000	None					
Pit1483	15.29		6.908		0.00	4.927	Outlet System					
N1622	13.65		0.000									
Pit1563	2.11		0.048		0.96	0.000	None					
SUB-CATCHMENT DETAILS												
Name	Max	Paved	Grassed	Paved	Grassed	Supp.	Due to Storm					
	Flow Q	Max Q	Max Q	Tc	Tc							
	(cu.m/s)	(cu.m/s)	(cu.m/s)	(min)	(min)	(min)						
C 1\24	9.434	9.434	0.000	10.70	10.70	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1					
C 5\03	0.111	0.111	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 5\02	0.112	0.112	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 46\05	0.601	0.601	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 7\02	0.040	0.040	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 8\06	2.937	2.661	0.276	5.00	5.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1					
C 9\24	0.119	0.119	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 9\18	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 11\43	45.698	45.698	0.000	20.10	20.10	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1					
C 11\12	0.317	0.317	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 11\09	0.034	0.004	0.031	1.00	1.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1					
C 12\01	0.134	0.134	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 19\22	0.065	0.065	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 13\02	0.021	0.021	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 13\01	0.126	0.126	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 14\02	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 14\01	0.055	0.055	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 15\03	0.170	0.139	0.031	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 16\03	1.751	1.751	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1					
C 17\02	0.309	0.309	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 18\02	0.068	0.068	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 18\01	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 19\28	0.697	0.697	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 35\04	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 35\03	0.040	0.040	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 38\10	0.482	0.482	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 36\03	0.167	0.167	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 38\17	4.529	4.529	0.000	9.50	9.50	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1					
C 38\15	0.156	0.156	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 39\05	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 40\03	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					
C 40\02	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1					

C 4001	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4102	0.044	0.044	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4101	0.082	0.082	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4202	0.107	0.107	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4201	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4303	0.371	0.371	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4302	0.082	0.082	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4301	0.027	0.027	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4402	1.206	1.206	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 4505	2.216	2.216	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 4617	0.169	0.169	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4618	0.215	0.215	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4702	15.937	15.937	0.000	14.40	14.40	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 4809	0.640	0.640	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4901	0.003	0.000	0.003	1.00	1.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 5004	0.030	0.000	0.030	1.00	1.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 5003	0.036	0.000	0.036	1.00	1.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 5101	0.953	0.953	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 5205	0.038	0.038	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5204	0.041	0.041	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5203	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5202	0.013	0.013	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5404	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5607	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5606	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5604	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5603	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5704	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5702	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5803	0.030	0.030	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5902	0.000	0.000	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 5901	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6001	0.248	0.248	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6102	0.063	0.063	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6203	0.070	0.070	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6202	0.062	0.045	0.017	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6303	0.043	0.043	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6302	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6402	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6401	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6502	0.150	0.150	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6602	0.095	0.095	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6802	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6801	0.013	0.013	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6902	0.021	0.021	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 6901	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7003	0.123	0.065	0.058	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7002	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7103	0.798	0.798	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 7202	0.033	0.033	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7201	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7402	0.076	0.076	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7401	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7502	0.002	0.002	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7501	0.058	0.058	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7602	0.028	0.028	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7601	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7701	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7808	0.105	0.105	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7806	0.059	0.059	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7805	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7802	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7801	0.013	0.013	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7903	0.119	0.108	0.011	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7902	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 7901	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8001	0.136	0.136	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8106	0.069	0.069	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8105	0.245	0.245	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8103	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8201	0.042	0.042	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8303	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8301	0.050	0.050	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8401	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8501	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8603	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8602	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8601	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8705	0.030	0.030	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8704	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8701	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 8901	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 182107	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 182106	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 182105	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 182104	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 9106	0.078	0.078	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 9104	0.049	0.049	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 9306	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 9305	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 9302	0.384	0.000	0.384	4.00	4.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 9402	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 9401	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	

C 95f03	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 95f02	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 95f01	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 96f05	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 96f03	0.100	0.111	0.089	3.00	3.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 98f01	0.115	0.012	0.103	3.00	3.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 99f01	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 102f05	0.061	0.061	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 102f13	0.043	0.043	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 102f12	0.016	0.016	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 102f11	0.044	0.044	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 102f10	0.077	0.077	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 103f03	0.050	0.050	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 104f01	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 105f01	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 106f02	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 107f01	0.124	0.124	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 108f01	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 109f02	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 110f03	0.001	0.001	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 110f02	0.081	0.081	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 110f01	0.016	0.016	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 111f03	0.048	0.048	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 126f10	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 126f08	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 126f06	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 126f04	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 126f02	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 126f01	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 129f01	0.292	0.292	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 130f03	2.176	2.176	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 133f02	0.026	0.026	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 133f01	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 134f02	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 135f02	0.049	0.049	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 136f01	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 137-02	0.001	0.001	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 137f01	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 138f02	0.026	0.026	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 138f01	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 139f03	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 140f01	0.002	0.002	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 141f01	0.062	0.062	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 142f05	0.070	0.070	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 142f02	0.110	0.110	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 142f01	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 144f07	0.013	0.013	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 144f06	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 144f05	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 145f04	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 145f02	0.034	0.034	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 147f01	0.035	0.035	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 148f02	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 149f01	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 151f01	0.133	0.133	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 152f01	0.081	0.081	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 179f01	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 153f02	0.143	0.143	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 153f01	0.041	0.041	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 154f03	0.121	0.121	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 154f02	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 154f01	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 155f01	0.049	0.049	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 156f02	0.063	0.063	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 157f01	0.172	0.172	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 158f01	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 159f01	0.193	0.193	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 160f02	0.364	0.188	0.176	4.00	4.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 160f01	0.021	0.021	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 166f01	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 168f01	0.081	0.081	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 169f01	0.016	0.016	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 170f03	0.322	0.322	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 171f01	0.000	0.000	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 172f01	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 173f01	0.002	0.002	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 174f01	0.022	0.022	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 175f01	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 176f01	0.034	0.034	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 177f01	0.018	0.018	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 179f02	0.484	0.484	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 180f02	0.047	0.047	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 180f01	0.115	0.083	0.032	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 181f01	0.026	0.026	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 182f09	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 182f08	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 184f01	0.118	0.118	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 185f01	0.041	0.041	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 186f02	0.001	0.001	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 187f02	0.456	0.236	0.220	4.00	4.00	0.00	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1	
C 188f01	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 192f01	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 194f01	0.013	0.013	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	

C 196I02	0.011	0.011	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 197I05	0.047	0.047	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 197I04	0.047	0.047	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 197I03	0.038	0.038	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 198I02	3.068	3.068	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 199I01	0.139	0.139	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 4-01	0.074	0.074	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 22-02 Indire	4.859	4.435	0.426	12.20	12.20	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 23-02 Indire	3.771	3.433	0.338	9.40	9.40	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 24-02	0.013	0.013	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 24A-02	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 24A-01	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 27-02	0.162	0.162	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 27-01	0.021	0.021	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 30-02	0.234	0.234	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 30-01	0.042	0.042	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 31-02	0.258	0.258	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 31-01	0.130	0.130	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 33-01	0.100	0.100	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 120-01	0.385	0.385	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 119A-01	0.037	0.037	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 121-06	0.093	0.093	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 121-05	0.028	0.028	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 122-02	0.036	0.036	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 123-02	0.116	0.116	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 124-01	0.238	0.238	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 124A-02	0.273	0.273	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
Roof	0.293	0.293	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 127-01	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
CaI0889	0.182	0.182	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 3-11	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 3-10	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 29-02	0.227	0.227	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 32-03	0.134	0.134	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 32-02	0.140	0.140	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 21-04	0.162	0.162	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 28-01	0.148	0.148	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 111A01	0.110	0.110	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 46I02	0.629	0.629	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 46I04	0.559	0.559	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 46I03	0.717	0.717	0.000	4.00	4.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 201I01	0.065	0.065	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 202I02	0.037	0.037	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 202I01	0.039	0.039	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 204I02	0.163	0.163	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 205I04	0.186	0.186	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 205I02	0.041	0.041	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 206I03	3.631	3.631	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 206I01	0.169	0.169	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 207I02	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 207I01	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 208I04	3.419	3.419	0.000	5.00	5.00	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C 208I03	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I17	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I16	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I15	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I14	0.022	0.022	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I13	0.026	0.026	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I12	0.025	0.025	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I11	0.087	0.087	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I10	0.001	0.001	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I09	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I08	0.034	0.034	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I07	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I06	0.064	0.064	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I04	0.232	0.232	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I03	0.098	0.098	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I02	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 209I01	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 210I05	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 210I04	0.066	0.066	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 210I03	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 211I03	0.083	0.083	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 211I02	0.121	0.121	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 212I01	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I07	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I06	0.038	0.038	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I05	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I04	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I03	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I02	0.141	0.141	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 213I01	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 214I02	0.036	0.036	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 215I01	0.176	0.176	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 216I01	0.022	0.022	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 217I01	0.065	0.065	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 218I01	0.050	0.050	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 219I01	0.040	0.040	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 220I02	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C 221I01	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 1	0.057	0.057	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 2	0.035	0.035	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 3	0.070	0.070	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	

C Harb 5	0.070	0.070	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 6	0.028	0.028	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 7	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 8	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 9	0.040	0.040	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 10	0.155	0.155	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C Harb 4	0.030	0.030	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C DQ 1	0.232	0.232	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
C DQ 2	0.237	0.237	0.000	3.00	3.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
Cat468	6.908	4.503	2.470	9.30	11.40	0.00	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1	
C DQ 3	0.048	0.048	0.000	1.00	1.00	0.00	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	
Outflow Volumes for Total Catchment (227 impervious + 8.35 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 ye	52844.30	49775.50 (94)	48699.35 (95)	1076.15 (57.5%)				
AR&R 100 ye	83293.61	80054.73 (96)	78070.48 (97)	1984.25 (67.3%)				
AR&R 100 ye	107260.17	103876.95 (99)	101187.92 (99)	2689.02 (70.8%)				
AR&R 100 ye	128083.57	124574.99 (99)	121274.08 (99)	3300.92 (72.8%)				
AR&R 100 ye	145370.92	141732.65 (99)	137950.44 (99)	3782.21 (73.5%)				
AR&R 100 ye	160300.91	156548.99 (99)	152348.25 (99)	4200.74 (74.0%)				
AR&R 100 ye	196248.80	192228.94 (99)	187025.14 (99)	5203.79 (74.9%)				
AR&R 100 ye	222769.13	218536.81 (99)	212606.92 (99)	5929.89 (75.2%)				
AR&R 100 ye	262374.88	257801.35 (99)	250809.69 (99)	6991.66 (75.3%)				
AR&R 100 ye	291376.41	286511.39 (99)	278778.53 (99)	7732.86 (75.0%)				
AR&R 100 ye	334504.44	329104.43 (99)	320351.66 (99)	8752.77 (73.9%)				
AR&R 100 ye	380838.47	374695.91 (99)	364971.69 (99)	9724.23 (72.1%)				
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 1124	9.434	2.50	3.716	3.701	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1123	9.434	2.50	3.701	3.687	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1122	9.434	2.50	3.687	3.555	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1121	9.434	2.50	3.555	3.534	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1120	9.434	2.50	3.534	3.464	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1119	11.415	3.02	3.324	3.239	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1118	11.415	3.02	3.239	3.213	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1117	11.415	3.02	3.213	3.092	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1116	11.338	3.00	3.046	2.974	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1115	11.338	3.00	2.974	2.917	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1114	11.338	3.00	2.917	2.885	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1113	22.025	3.06	2.455	2.417	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1112	22.025	3.06	2.417	2.375	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1111	22.025	3.06	2.327	2.143	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1110	22.025	3.06	2.143	2.048	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1109	22.025	3.06	2.048	1.990	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1108	22.025	3.06	1.990	1.922	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1107	22.025	3.06	1.922	1.546	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1106	22.025	3.06	1.546	1.466	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1105	22.025	3.06	1.466	1.256	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1104	22.025	3.06	1.256	1.231	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1103	22.025	3.06	1.231	0.974	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1102	22.025	3.06	0.974	0.900	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 5103	0.000	0.00	2.233	2.230	AR&R 100 year, 1 hour storm, average 94.5 mm/h, Zone 1			
P 5102	0.252	2.28	2.146	2.105	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 5101	0.252	0.89	2.108	2.325	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 46117	15.687	1.94	2.309	2.297	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46116	15.687	1.91	2.297	2.278	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46115	16.649	2.03	2.223	2.208	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46114	16.670	2.07	2.189	2.166	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46113	16.674	2.07	2.166	2.088	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46112	16.674	2.03	2.088	2.074	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46111	16.674	2.03	2.074	2.041	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46110	16.674	2.48	1.638	1.594	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46109	16.856	1.31	1.587	1.579	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 46108	17.077	1.33	1.572	1.539	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 46107	17.164	1.33	1.531	1.521	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 46106	17.224	1.34	1.497	1.487	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 46105	22.985	1.79	1.406	1.373	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46104A	23.390	1.94	1.356	1.084	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46104	23.926	2.02	1.074	1.045	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46103	24.608	2.16	1.035	0.964	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 46102	25.205	2.29	0.953	0.900	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 6102	0.000	0.00	2.084	2.084	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 6101	0.000	0.00	2.084	2.105	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 7103	0.000	0.00	2.686	2.686	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 7102	0.026	1.10	2.590	2.580	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 7101	0.026	0.29	1.621	1.621	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 8104	2.962	2.36	1.595	1.595	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 8103	2.962	3.29	1.595	1.519	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 8102	2.955	3.29	1.519	1.374	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 8101	2.955	3.29	1.374	1.331	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 9116	6.206	1.23	1.308	1.300	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9115	6.206	1.21	1.300	1.250	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9114	6.206	1.16	1.250	1.243	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9113	6.206	1.16	1.243	1.237	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9112	6.206	1.11	1.237	1.197	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9111	6.364	1.15	1.190	1.176	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9110	6.364	1.16	1.176	1.173	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9109	6.364	1.17	1.173	1.169	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 9108	6.469	1.19	1.162	1.158	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			

P 907	8.437	1.62	1.119	1.099	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 906	8.568	1.75	1.055	1.007	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 905	8.568	1.76	1.007	0.996	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 904	8.806	1.85	0.979	0.968	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 903	8.806	1.89	0.968	0.939	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 902	8.806	1.95	0.939	0.900	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 806	2.937	2.45	1.647	1.647	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 805	2.937	2.40	1.621	1.621	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 925	0.000	0.00	1.359	1.359	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 924	0.282	0.07	1.359	1.359	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 923	2.539	0.58	1.354	1.352	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 922	2.625	0.59	1.350	1.344	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 921	2.625	0.55	1.344	1.343	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 920	2.625	0.55	1.343	1.342	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 919	2.697	0.55	1.340	1.339	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 918	3.306	0.67	1.337	1.332	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 917	3.306	0.65	1.332	1.331	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1004	0.000	0.00	2.356	2.376	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1003	0.013	0.08	2.376	2.376	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1002	0.054	0.34	2.368	2.366	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1001	0.317	2.87	1.459	1.339	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1143	33.987	4.50	4.036	3.975	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1142	27.886	3.69	3.923	3.892	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1141	27.806	3.68	3.838	3.806	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1140	27.469	3.63	3.752	3.721	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1139	27.492	2.66	3.369	3.352	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1138	27.553	2.67	3.322	3.304	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1137	27.553	2.67	3.275	3.257	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1136	27.906	2.70	3.165	3.147	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1135	29.569	2.87	3.043	3.022	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1134	29.569	2.87	3.022	3.001	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1133	29.569	2.87	2.966	2.945	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1132	29.569	2.87	2.945	2.826	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1131	29.603	2.87	2.791	2.770	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1130	29.603	2.87	2.770	2.728	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1129	29.623	2.87	2.728	2.707	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1128	29.629	2.87	2.672	2.651	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1127	29.649	2.87	2.616	2.562	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1126	29.649	2.87	2.562	2.541	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1125	29.649	2.87	2.506	2.485	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1124	29.649	2.87	2.451	2.429	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1123	29.743	2.88	2.394	2.362	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1122	29.889	2.90	2.327	2.278	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1121	30.064	2.91	2.170	2.149	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1120	30.064	2.91	2.149	2.127	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1119	30.029	2.91	2.091	2.069	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1118	30.434	2.95	2.032	2.006	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1117	30.112	2.92	2.006	1.984	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1116	27.777	1.93	1.757	1.747	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1115	27.777	1.93	1.747	1.671	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1114	27.777	1.93	1.671	1.660	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1113	27.777	1.93	1.660	1.649	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1112	28.102	1.95	1.649	1.600	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1111	28.272	1.96	1.405	1.393	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1110	28.272	1.96	1.393	1.374	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1109	28.272	1.96	1.374	1.214	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1108	28.176	1.96	1.214	1.202	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1107	28.176	1.96	1.202	1.172	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1106	28.176	1.96	1.172	1.084	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1105	28.176	1.96	1.084	1.070	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1104	28.223	1.96	1.070	0.976	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1103A	28.373	1.97	0.956	0.942	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1103	28.373	1.97	0.942	0.930	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1102	28.373	1.97	0.930	0.900	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 1201	0.095	2.38	3.154	3.134	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1926	0.381	3.26	3.068	3.038	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1925	0.381	3.26	3.038	3.008	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1924	0.442	3.78	2.920	2.809	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1923	0.480	1.09	2.769	2.751	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1922	0.807	1.83	2.614	2.528	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1921	0.842	1.90	2.403	2.374	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1920	0.842	1.90	2.363	2.348	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1919	0.842	0.74	2.347	2.346	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1918	0.929	0.82	2.343	2.337	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1917	1.085	0.96	2.337	2.338	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1916	1.088	0.96	2.338	2.346	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1915	1.104	0.98	2.346	2.346	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1914	1.139	1.01	2.346	2.346	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1913	1.736	1.53	2.344	2.343	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1912	1.736	1.18	2.342	2.342	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1911	1.928	1.31	2.340	2.339	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1910	2.036	1.38	2.334	2.334	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1909	2.237	1.23	2.323	2.321	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1908	2.309	1.27	2.321	2.319	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1907	2.746	1.51	2.314	2.312	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1906	2.827	1.55	2.310	2.307	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1905	2.905	1.59	2.305	2.302	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1904	2.979	1.63	2.300	2.295	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 1903	3.258	1.79	2.292	2.290	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1902	3.258	1.79	2.290	2.287	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1901	3.258	1.79	2.284	2.278	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 1302	0.016	0.14	2.388	2.387	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 1301	0.147	1.33	2.387	2.366	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			

P 14\02	0.015	0.22	2.512	2.509	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 14\01	0.051	0.73	2.410	2.376	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 15\04	0.000	0.00	2.480	2.448	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 15\03	0.076	1.79	2.432	2.332	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 15\02	0.076	0.35	1.345	1.343	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 15\01	0.076	0.35	1.343	1.342	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 16\03	1.751	3.96	4.401	3.446	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 16\02	1.751	3.96	3.377	3.240	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 16\01	1.751	3.96	3.240	3.147	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 17\02	0.200	4.35	2.982	2.678	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 17\01	0.648	2.99	2.370	2.346	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 18\02	0.039	0.55	2.280	2.279	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 18\01	0.062	0.88	2.280	2.283	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 70\01	0.158	0.99	2.284	2.337	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 19\28	0.415	3.55	5.246	4.804	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 19\27	0.301	2.57	4.665	3.134	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 35\04	0.017	1.09	4.589	4.489	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 35\03	0.017	0.23	3.023	3.023	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 35\02	0.017	0.08	3.022	3.022	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 35\01	0.017	0.08	3.022	3.022	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 38\14	6.550	2.91	2.979	2.960	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\13	6.550	3.59	2.960	2.930	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\12	6.550	3.59	2.864	2.831	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\11	6.550	2.91	2.788	2.651	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\10	6.720	2.99	2.605	2.576	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\09	6.720	3.53	2.530	2.250	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\08	6.720	4.43	1.881	1.881	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\07	6.720	4.36	1.881	1.825	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\06	6.720	4.37	1.822	1.820	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\05	6.720	3.70	1.820	1.820	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\04	6.720	3.36	1.820	1.820	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\03	6.720	2.98	1.820	1.820	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\02	6.720	3.51	1.820	1.578	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\01	6.737	2.99	1.532	1.487	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 36\03	0.075	0.27	1.537	1.529	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 36\02	0.076	0.17	1.528	1.527	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 36\01	0.129	0.20	1.523	1.521	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 38\17	6.496	7.22	4.198	3.549	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\16	6.498	4.41	3.450	3.084	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 38\15	6.537	2.91	3.041	3.022	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 39\05	0.022	1.44	4.394	4.295	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 39\04	0.031	3.26	4.133	2.357	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 39\03	0.031	1.67	2.344	2.336	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 39\02	0.236	0.21	2.334	2.334	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 39\01	0.236	0.13	2.334	2.334	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 40\03	0.043	0.39	2.339	2.337	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 40\02	0.072	0.11	2.337	2.337	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 40\01	0.098	0.11	2.336	2.336	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 41\02	0.043	0.15	2.339	2.339	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 41\01	0.108	0.12	2.339	2.339	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 42\02	0.105	0.17	2.340	2.340	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 42\01	0.126	0.20	2.336	2.336	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 43\03	0.039	0.99	2.639	2.615	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 43\02	0.073	1.03	2.619	2.639	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 43\01	0.146	2.07	2.393	2.362	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 44\02	0.000	0.00	2.908	2.485	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 44\01	0.000	0.00	2.485	2.485	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 45\05	2.216	7.65	6.648	4.468	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 45\04	2.216	3.48	2.178	1.968	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 45\03	2.216	3.48	1.968	1.608	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 45\02	2.266	3.56	1.550	1.496	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 45\01	2.266	3.56	1.496	1.359	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\27	15.718	2.60	3.162	3.046	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\26	15.718	2.60	3.046	3.019	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\25	15.718	2.64	2.989	2.778	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\24	15.718	2.64	2.748	2.721	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\23	15.718	2.60	2.721	2.638	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\22	15.725	2.60	2.609	2.579	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\21	15.725	2.60	2.579	2.553	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\20	15.725	2.07	2.553	2.530	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\19	15.725	2.07	2.530	2.383	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 46\18	15.729	1.95	2.367	2.325	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 47\02	15.937	3.29	3.388	3.005	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 47\01	14.144	2.92	2.982	2.885	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 48\09	0.184	4.01	9.685	8.781	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\08	0.184	4.01	8.451	4.334	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\07	0.184	1.16	4.306	4.299	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\06	0.184	1.16	4.271	4.259	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\05	0.184	1.16	4.231	4.190	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\04	0.184	1.16	4.163	4.028	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\03	0.184	1.16	3.987	3.984	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\02	0.184	1.16	3.943	3.940	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 48\01	0.266	1.67	3.918	3.892	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 49\01	0.003	3.11	4.214	3.549	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 50\04	0.019	1.39	4.025	4.012	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 50\03	0.052	1.19	3.827	3.753	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 50\02	0.052	0.96	3.614	3.608	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 50\01	0.052	1.46	3.476	3.301	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 51\01	0.534	4.84	2.914	2.678	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 52\05	0.025	0.23	2.917	2.917	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 52\04	0.059	0.53	2.917	2.784	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 52\03	0.079	0.50	2.784	2.627	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 52\02	0.098	0.62	2.627	2.443	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			

P 52I01	0.098	0.45	2.431	2.429	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 53I01	0.000	0.00	3.371	3.371	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 170I02	0.382	0.86	3.333	3.331	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 170I01	0.425	0.96	3.270	3.257	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 54I04	0.046	1.14	3.434	3.382	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 54I03	0.046	0.41	3.368	3.365	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 54I02	0.046	0.41	3.353	3.352	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 54I01	0.046	0.41	3.334	3.331	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 55I03	0.073	1.01	3.666	3.657	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 55I02	0.073	1.03	3.554	3.545	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 55I01	0.075	1.06	3.392	3.371	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 56I07	0.008	1.21	2.380	2.152	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 56I06	0.015	1.54	2.064	1.948	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 56I05	0.023	0.49	1.924	1.921	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 56I04	0.032	0.64	1.886	1.878	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 56I03	0.043	3.61	1.711	1.455	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 56I02	0.112	1.01	1.377	1.331	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 56I01	0.140	1.27	1.180	1.169	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 57I04	0.025	2.92	4.863	3.667	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 57I03	0.033	0.32	3.656	3.656	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 57I02	0.069	3.80	3.403	2.550	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 57I01	0.069	2.08	2.458	2.408	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 58I03	0.012	1.65	1.887	1.647	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 58I02	0.028	1.64	1.450	1.334	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 58I01	0.028	0.67	1.332	1.331	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 59I02	0.123	0.63	3.820	3.821	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 59I01	0.078	1.10	3.811	3.806	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 60I01	0.098	0.62	2.907	2.938	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 61I01	0.135	0.85	2.938	3.005	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 61I02	0.037	0.52	2.945	2.938	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 62I03	0.040	1.52	1.858	1.738	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 62I02	0.089	0.81	1.396	1.379	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 62I01	0.089	0.81	1.357	1.352	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 63I03	0.028	3.32	2.623	1.673	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 63I02	0.052	0.74	1.627	1.627	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 63I01	0.052	0.47	1.609	1.608	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 64I03	0.000	0.00	1.880	1.802	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 64I02	0.008	1.12	1.722	1.646	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 64I01	0.015	2.22	1.512	1.359	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 65I02	0.070	0.44	3.008	3.062	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 65I01	0.070	0.44	3.062	3.092	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 66I02	0.078	0.71	2.107	2.180	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 66I01	0.078	0.71	2.180	2.208	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 67I02	0.000	0.00	4.299	4.299	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 67I01	0.000	0.00	4.299	4.299	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 68I02	0.005	0.10	2.347	2.347	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 68I01	0.016	0.10	2.346	2.346	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 69I02	0.016	0.32	2.227	2.226	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 69I01	0.035	0.22	2.227	2.346	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 70I03	0.055	1.38	2.301	2.299	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 70I02	0.096	0.60	2.285	2.283	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 71I03	0.335	3.04	3.327	3.060	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 71I02	0.278	3.93	2.943	2.919	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 71I01	0.423	2.66	2.770	2.751	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 72I02	0.023	0.32	2.841	2.839	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 72I01	0.038	0.54	2.825	2.809	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 73I04	0.046	1.16	3.914	3.950	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 73I03	0.049	1.24	3.956	3.957	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 73I02	0.049	1.24	3.957	3.960	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 73I01	0.075	1.89	3.960	3.975	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 74I02	0.075	0.89	3.736	3.733	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 74I01	0.078	1.97	3.394	3.352	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 75I02	0.002	0.06	3.148	3.148	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 75I01	0.037	0.94	3.049	3.019	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 76I02	0.020	0.59	2.895	2.890	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 76I01	0.036	0.50	2.827	2.826	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 77I01	0.004	1.64	2.971	2.890	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 78I08	0.010	0.52	3.387	3.377	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 78I07	0.015	0.78	3.332	3.267	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 78I06	0.019	1.02	3.242	3.219	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 78I05	0.023	1.25	3.217	3.207	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 78I04	0.024	1.27	3.205	3.191	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 78I03	0.028	1.51	3.190	3.184	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 78I02	0.040	2.16	3.158	3.150	AR&R 100 year, 3 hours storm, average 47.3 mm/h, Zone 1			
P 78I01	0.064	1.62	3.052	3.008	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 79I03	0.112	1.59	2.176	2.156	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 79I02	0.139	1.26	2.081	2.068	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 79I01	0.204	1.85	1.849	1.600	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 80I01	0.065	0.59	2.076	2.068	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 81I06	0.034	0.31	2.647	2.637	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 81I05	0.082	0.75	2.642	2.696	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 81I04	0.132	1.19	2.668	2.641	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 81I03	0.185	1.67	2.624	2.623	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 81I02	0.228	2.07	2.451	2.417	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 81I01	0.302	2.74	1.909	1.594	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 82I01	0.015	0.13	2.789	2.789	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182I01	0.146	1.32	2.665	2.623	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 83I03	0.016	0.15	2.616	2.651	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 83I02	0.016	0.15	2.651	2.673	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 83I01	0.045	0.63	2.650	2.641	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 84I01	0.010	0.10	3.214	3.214	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182I03	0.102	0.92	3.127	3.047	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182I02	0.143	1.29	2.886	2.789	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			

P 85\01	0.011	0.10	3.047	3.047	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 86\03	0.007	0.06	3.055	3.055	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 86\02	0.017	0.16	3.053	3.052	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 86\01	0.030	0.27	3.048	3.047	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 87\05	0.012	1.26	3.347	3.238	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 87\04	0.022	0.31	3.230	3.226	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 87\03	0.022	0.20	3.221	3.220	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 87\02	0.022	0.20	3.219	3.219	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 87\01	0.031	0.28	3.214	3.214	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 89\01	0.012	1.97	5.520	4.660	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182\07	0.035	3.43	4.495	3.915	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182\06	0.043	1.23	3.303	3.303	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182\05	0.051	0.46	3.286	3.277	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182\04	0.060	0.54	3.242	3.214	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 90\02	0.000	0.00	3.930	3.450	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 91\06	0.021	1.56	3.684	3.485	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 91\05	0.021	1.68	3.430	3.208	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 91\04	0.021	1.42	3.079	2.899	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 91\03	0.021	1.16	2.861	2.741	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 91\02	0.021	1.51	2.679	2.410	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 91\01	0.021	1.37	2.344	2.312	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 93\06	0.003	0.08	2.704	2.703	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 93\05	0.010	0.24	2.696	2.693	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 93\04	0.024	0.60	2.650	2.647	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 93\03	0.050	1.26	2.460	2.417	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 93\02	0.150	2.12	1.959	1.845	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 93\01	0.150	2.12	1.602	1.539	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 94\02	0.009	0.08	2.424	2.424	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 94\01	0.027	0.24	2.418	2.417	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 95\03	0.004	0.04	2.421	2.421	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 95\02	0.008	0.07	2.421	2.421	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 95\01	0.019	0.17	2.418	2.417	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\10	0.000	0.00	3.280	3.270	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\09	0.000	0.00	3.270	3.210	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\08	0.000	0.00	3.190	3.000	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\07	0.000	0.00	2.980	2.588	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\06	0.000	0.00	2.588	2.510	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\05	0.015	1.82	2.339	1.585	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\04	0.015	0.14	1.584	1.584	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\03	0.043	0.39	1.569	1.566	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\02	0.068	0.43	1.529	1.524	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 96\01	0.068	0.05	1.524	1.099	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 98\01	0.026	0.47	1.566	1.566	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 99\01	0.006	1.81	2.845	2.697	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\06	0.174	1.57	2.470	2.405	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\05	0.201	1.82	2.099	1.950	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\04	0.204	1.28	1.798	1.766	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\03	0.204	1.28	1.690	1.640	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\02	0.220	1.39	1.487	1.455	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\01	0.259	1.63	1.161	0.996	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 100\01	0.000	0.00	4.640	4.550	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\14	0.000	0.00	4.798	4.798	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\13	0.015	0.21	4.793	4.792	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\12	0.030	0.42	4.776	4.771	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\11	0.050	0.70	4.731	4.718	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\10	0.078	1.08	4.635	4.604	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\09	0.102	1.44	4.455	4.443	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\08	0.102	2.24	4.212	2.983	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 102\07	0.159	1.44	2.773	2.697	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 103\04	0.000	0.00	5.706	5.693	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 103\03	0.012	1.42	5.617	5.543	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 103\02	0.024	2.74	5.021	4.765	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 103\01	0.034	3.87	3.953	2.983	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 104\01	0.009	0.09	2.697	2.697	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 105\01	0.023	0.21	2.308	2.405	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 106\02	0.003	0.08	1.951	1.951	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 106\01	0.003	0.03	1.951	1.950	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 107\02	0.000	0.00	1.572	1.572	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 107\01	0.087	1.53	1.513	1.423	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 108\01	0.006	0.97	1.690	1.640	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 109\02	0.011	0.10	1.641	1.640	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 109\01	0.011	0.07	1.640	1.640	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 110\05	0.000	0.00	3.062	3.062	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 110\04	0.000	0.00	3.062	3.062	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 110\03	0.001	0.03	3.062	3.066	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 110\02	0.022	1.29	2.784	2.682	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 110\01	0.042	2.28	2.003	2.003	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 111\03	0.016	0.88	1.950	1.894	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 111\02	0.016	0.14	1.199	1.202	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P672	0.155	2.13	0.995	0.976	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 112\01	0.000	0.00	2.060	1.770	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 113\02	0.000	0.00	1.200	1.199	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 113\01	0.000	0.00	1.199	1.202	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\10	0.008	1.21	1.861	1.721	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\09	0.008	0.13	1.663	1.663	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\08	0.016	0.17	1.661	1.661	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\07	0.016	0.15	1.660	1.659	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\06	0.023	0.28	1.551	1.550	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\05	0.023	0.25	1.542	1.542	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\04	0.031	0.28	1.537	1.535	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\03	0.031	0.28	1.525	1.523	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\02	0.039	0.35	1.516	1.513	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 126\01	0.048	0.44	1.505	1.487	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			

P 129/01	0.101	0.92	2.234	2.230	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 130/03	2.176	2.42	2.486	2.402	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 130/02	2.182	2.43	1.987	1.942	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 130/01	2.182	2.43	1.349	1.158	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 131/03	0.000	0.00	2.900	2.800	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 131/02	0.000	0.00	2.800	2.700	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 131/01	0.000	0.00	2.700	2.600	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 133/03	0.011	0.10	2.098	2.098	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 133/02	0.028	0.25	2.085	2.083	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P620	0.338	2.13	1.740	1.579	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 134/03	0.000	0.00	2.114	2.114	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 134/02	0.035	0.50	2.091	2.083	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 135/03	0.000	0.00	3.880	3.880	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 135/02	0.016	1.33	3.762	3.582	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 135/01	0.016	0.37	2.115	2.114	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 136/01	0.004	0.06	2.114	2.114	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 137/02	0.001	0.01	2.416	2.416	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 137/01	0.278	2.52	2.186	2.083	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 138/02	0.011	0.10	2.547	2.547	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 138/01	0.241	2.18	2.465	2.416	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 139/04	0.083	0.75	2.586	2.584	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 139/03	0.148	1.34	2.581	2.579	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 139/02	0.220	2.00	2.570	2.562	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 139/01	0.220	2.00	2.555	2.547	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 140/01	0.084	0.76	2.582	2.579	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 141/02	0.000	0.00	2.039	2.039	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 141/01	0.018	2.59	1.896	1.874	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 145/01	0.114	1.03	1.768	1.737	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 144/01	0.165	2.71	1.563	1.283	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 142/05	0.068	0.96	2.534	2.526	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 142/04	0.068	0.62	2.516	2.512	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 142/03	0.068	0.62	2.514	2.563	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 142/02	0.089	0.80	2.563	2.584	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 142/01	0.120	1.09	2.584	2.584	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 143/01	0.000	0.00	2.526	2.526	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 144/07	0.007	0.98	4.055	3.983	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 144/06	0.018	1.51	3.902	3.805	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 144/05	0.032	3.23	3.664	2.633	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 144/04	0.039	1.89	2.540	2.450	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 144/03	0.052	1.58	1.907	1.907	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 144/02	0.052	1.11	1.827	1.786	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 145/04	0.084	2.38	4.123	3.863	AR&R 100 year, 45 minutes storm, average 111 mm/h, Zone 1			
P 145/03	0.084	2.48	3.339	2.759	AR&R 100 year, 45 minutes storm, average 111 mm/h, Zone 1			
P 145/02	0.096	0.87	1.903	1.874	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 146/01	0.000	0.00	2.091	2.091	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 147/01	0.013	1.29	3.936	3.846	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 148/02	0.007	0.96	2.693	2.641	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 148/01	0.007	0.38	2.633	2.633	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 149/01	0.008	0.24	3.667	3.667	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 151/02	0.000	0.00	2.221	2.221	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 151/01	0.064	0.91	2.141	2.127	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 152/01	0.064	0.90	2.787	2.785	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 179/01	0.407	2.56	2.131	2.069	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 153/03	0.000	0.00	2.360	2.360	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 153/02	0.067	0.61	2.287	2.281	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 153/01	0.183	0.20	2.278	2.278	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 154/03	0.107	1.52	2.960	2.962	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 154/02	0.139	1.97	2.834	2.752	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 154/01	0.147	2.08	2.668	2.638	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 155/02	0.000	0.00	2.531	2.531	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 155/01	0.041	0.26	2.528	2.528	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 156/02	0.031	0.77	2.463	2.564	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 156/01	0.100	2.52	2.417	2.346	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 157/01	0.112	2.82	2.786	2.564	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 158/01	0.003	0.02	2.298	2.338	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 159/01	0.193	1.75	2.506	2.342	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 160/02	0.364	3.29	2.757	2.499	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 160/01	0.440	3.99	2.349	2.319	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 161/01	0.084	0.76	2.316	2.312	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1			
P 162/01	0.084	0.76	2.310	2.307	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 163/01	0.084	0.76	2.305	2.302	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 164/01	0.300	2.72	2.300	2.295	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 165/01	0.000	0.00	2.343	2.343	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 166/01	0.084	0.76	2.324	2.321	AR&R 100 year, 45 minutes storm, average 111 mm/h, Zone 1			
P 167/01	0.000	0.00	8.781	8.781	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 168/01	0.081	2.05	3.909	3.940	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 169/01	0.027	1.45	3.927	3.960	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 170/03	0.322	1.01	3.407	3.371	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 171/01	0.000	0.00	3.001	3.001	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 172/01	0.029	0.73	3.726	3.721	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 173/01	0.002	0.03	3.545	3.545	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 174/01	0.021	0.53	2.739	2.728	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 175/01	0.006	0.13	2.707	2.707	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 176/01	0.021	0.68	2.652	2.651	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 177/01	0.014	0.22	2.779	2.778	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 178/01	0.000	0.00	2.541	2.541	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1			
P 179/02	0.306	4.33	3.275	2.785	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 180/02	0.020	1.10	2.448	2.431	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 180/01	0.087	1.24	2.410	2.383	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 181/01	0.023	0.21	2.167	2.166	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182/09	0.007	1.50	5.402	4.828	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 182/08	0.012	1.69	4.743	4.660	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 183/02	0.000	0.00	1.800	1.584	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			

P 184/01	0.026	0.66	2.670	2.647	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 185/01	0.014	0.36	2.697	2.693	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 186/02	0.001	0.03	1.529	1.529	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 186/01	0.001	0.01	1.529	1.529	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 187/02	0.054	0.34	1.559	1.556	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 187/01	0.054	0.34	1.542	1.527	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
P 188/01	0.017	1.98	1.897	1.767	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 189/01	0.000	0.00	2.530	2.448	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 190/01	0.000	0.00	1.900	1.830	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 191/01	0.000	0.00	1.673	1.673	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 192/01	0.004	0.11	2.809	2.808	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 197/02	0.127	1.80	2.674	2.627	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 197/01	0.127	1.15	2.407	2.366	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 193/01	0.000	0.00	4.000	3.500	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 194/01	0.007	0.99	4.445	4.355	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 195/01	0.000	0.00	1.942	1.942	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 196/02	0.006	0.30	2.402	2.402	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 196/01	0.006	0.06	2.402	2.402	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 197/05	0.087	1.23	3.560	3.527	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 197/04	0.089	2.23	3.245	3.021	AR&R 100 year, 2 hours storm, average 61.8 mm/h, Zone 1			
P 197/03	0.123	1.74	2.847	2.808	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 198/02	3.023	6.84	4.825	3.791	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 198/01	3.023	6.84	3.689	3.464	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 199/01	0.029	1.74	1.572	1.345	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 4-01	0.112	0.71	1.821	1.818	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-09	1.428	0.78	1.809	1.805	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-08	1.428	1.59	1.793	1.756	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-07	1.428	1.59	1.743	1.716	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-06	5.187	2.04	1.610	1.391	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-05	10.142	2.35	1.251	1.235	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-04	10.238	2.37	1.206	1.192	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-03	10.356	2.40	1.162	1.125	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-02	10.385	2.40	1.095	1.067	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 3-01	11.248	2.60	1.032	1.015	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P A-02	11.248	2.31	1.015	0.900	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 22-02	4.859	2.57	1.668	1.422	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 22-01	4.990	2.64	1.422	1.391	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 23-02	3.771	2.00	1.837	1.716	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1			
P 24-02	0.012	0.08	1.716	1.716	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
P 24A-02	0.004	6.78	1.857	1.716	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 24A-01	0.015	0.03	1.716	1.716	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 27-02	0.162	1.46	1.995	1.957	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 27-01	0.178	1.12	1.934	1.923	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 21-01	1.325	1.47	1.912	1.818	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 30-02	0.192	1.21	2.105	2.085	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 30-01	0.240	1.53	2.073	2.053	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 21-03	1.003	1.12	2.022	1.987	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 21-02	1.017	1.13	1.955	1.923	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 31-02	0.192	1.21	2.178	2.166	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 31-01	0.323	2.03	2.145	2.107	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 29-01	0.690	0.77	2.077	2.053	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 33-01	0.052	0.33	2.162	2.160	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 32-01	0.204	0.57	2.135	2.107	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 119-02	0.000	0.00	1.990	1.970	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 119-01	0.000	0.00	1.756	1.756	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 120-01	0.211	1.32	1.613	1.555	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 121-01	0.420	1.57	1.136	1.067	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 120A-01	0.000	0.00	2.135	2.135	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 119A-01	0.088	2.57	1.853	1.623	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 121-06	0.050	0.45	2.718	2.705	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 121-05	0.121	1.10	2.471	2.468	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 121-04	0.121	1.10	2.314	2.253	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 121-03	0.121	1.10	2.203	2.195	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 121-02	0.121	1.86	1.820	1.730	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 122-02	0.029	1.85	2.055	2.024	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 122-01	0.029	2.26	1.950	1.915	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 122A-01	0.000	0.00	2.253	2.253	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 123-02	0.123	1.11	2.205	2.199	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 123-01	0.123	2.07	2.021	1.829	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 124-01	0.131	2.04	1.610	1.563	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 124A-02	0.100	2.20	2.092	1.948	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 124A-01	0.100	1.87	1.666	1.590	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1			
P 125-02	0.293	1.35	1.505	1.475	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 125-01	0.293	1.35	1.085	1.067	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 127-01	0.014	0.13	1.987	1.987	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
Pipe1185	0.182	0.10	1.067	1.067	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
Pipe1187	0.182	0.10	1.067	1.067	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 3-11	0.019	1.85	1.847	1.824	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 3-10	0.024	0.24	1.818	1.818	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 29-02	0.163	1.02	2.137	2.107	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 32-03	0.064	0.83	2.239	2.213	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 32-02	0.152	0.95	2.186	2.160	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 21-04	0.074	0.67	2.053	2.053	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 28-01	0.131	1.57	2.230	2.035	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 111A/01	0.110	2.38	2.085	1.864	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
Pipe678	0.629	2.91	2.128	2.028	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P683	0.559	2.89	2.088	1.988	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P688	0.717	2.97	2.178	2.078	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 200/04	0.000	0.00	1.182	1.182	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 200/03	0.181	0.99	1.164	1.146	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 200/02	0.268	1.24	1.058	0.900	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 201/01	0.087	0.89	1.162	1.146	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
P 202/02	0.015	0.94	1.557	1.391	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			

P 202/01	0.064	1.69	1.207	1.183	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 204/02	0.118	2.83	1.389	1.337	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 204/01	0.118	1.16	1.182	1.182	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 205/04	0.130	0.88	4.424	1.131	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 205/03	0.130	1.18	1.095	1.035	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 205/02	0.168	1.06	1.007	0.900	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 206/03	1.588	3.59	1.953	1.876	AR&R 100 year, 4.5 hours storm, average 35.9 mm/h, Zone 1				
P 206/02	1.679	3.80	1.876	1.303	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 206/01	2.284	5.17	1.303	1.050	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 208/02	7.377	3.16	0.969	0.900	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1				
P 207/02	0.012	2.18	2.203	1.786	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 207/01	0.029	1.08	1.729	1.646	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 208/04	3.419	2.84	1.178	1.064	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1				
P 208/03	5.079	2.22	1.039	1.020	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1				
P 209/17	0.009	0.24	4.646	4.643	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/16	0.023	0.33	4.630	4.622	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/15	0.068	0.96	4.565	4.515	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1				
P 209/14	0.126	1.79	4.412	4.316	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1				
P 209/13	0.210	1.32	4.193	4.133	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/12	0.269	1.69	4.023	3.993	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/11	0.453	2.85	3.729	3.628	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/10	0.795	2.22	3.426	3.386	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1				
P 209/09	0.902	2.04	3.365	3.260	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/08	0.959	2.17	3.236	3.193	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/07	1.016	2.30	3.058	2.930	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/06	1.072	2.93	2.173	1.942	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/05	1.110	2.77	1.713	1.523	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/04	1.104	1.74	1.481	1.446	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/03	1.393	2.19	1.322	1.201	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/02	1.549	2.43	1.172	1.151	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 209/01	1.665	2.62	1.118	1.064	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 210/05	0.038	0.35	1.801	1.797	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 210/04	0.082	0.74	1.732	1.692	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 210/03	0.091	0.83	1.622	1.606	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 210/02	0.091	0.83	1.536	1.519	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 210/01	0.091	0.83	1.450	1.446	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 211/03	0.052	0.47	1.293	1.283	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1				
P 211/02	0.102	0.92	1.290	1.406	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1				
P 211/01	0.177	0.82	1.408	1.523	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 212/01	0.028	2.31	2.296	1.942	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 213/07	0.015	0.13	3.769	3.768	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 213/06	0.051	0.46	3.744	3.734	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 213/05	0.073	0.66	3.712	3.688	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 213/04	0.107	0.97	3.690	3.691	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 213/03	0.148	2.10	3.695	3.849	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 213/02	0.208	1.31	3.817	3.803	AR&R 100 year, 30 minutes storm, average 136 mm/h, Zone 1				
P 213/01	0.303	2.74	3.780	3.628	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 214/02	0.033	2.71	5.339	4.781	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 214/01	0.033	2.65	4.313	3.993	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 215/01	0.123	1.12	4.017	3.993	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 216/01	0.031	0.77	4.164	4.133	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 217/01	0.061	0.55	4.327	4.316	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 218/01	0.047	0.66	4.533	4.515	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 219/01	0.037	0.52	4.632	4.622	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 220/02	0.028	0.26	3.204	3.200	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 220/01	0.028	0.26	3.193	3.193	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 221/01	0.030	0.25	3.387	3.386	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P 46/10 weir	0.000	0.00	1.594	1.594	AR&R 100 year, 1 hour storm, average 94.5 mm/h, Zone 1				
Dummy Pipe	0.232	3.44	3.190	2.900	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
P948	0.237	3.52	3.204	2.900	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
Pipe951	1.982	5.99	14.367	13.654	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1				
Pipe960	0.048	1.66	2.107	2.087	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
CHANNEL DETAILS									
Name	Max Q (cu.m/s)	Max V (m/s)	Chainage (m)	Max HGL (m)	Due to Storm				
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 1/24	0	0	0.256	0	0	0	0		
F 1/23	0	0	0.256	0	0	0	0		
F 1/22	0	0	0.256	0	0	0	0		
F 1/21	0	0	0.256	0	0	0	0		
F 1/20	0	0	0.256	0	0	0	0		
F 1/19	1.041	1.041	0.256	0.088	0.09	21.69	0.97	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/18	1.041	1.041	0.256	0.088	0.09	21.69	0.97	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/17	1.041	1.041	0.256	0.088	0.09	21.69	0.97	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/16	1.249	1.249	0.256	0.096	0.10	23.13	1.01	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/15	1.249	1.249	0.256	0.096	0.10	23.13	1.01	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/14	1.249	1.249	0.256	0.096	0.10	23.13	1.01	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/13	6.390	6.390	0.256	0.185	0.29	41.09	1.55	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1	
F 1/12	0	0	0.256	0	0	0	0		
F 1/11	0	0	0.256	0	0	0	0		
F 1/10	0	0	0.256	0	0	0	0		
F 1/09	0	0	0.256	0	0	0	0		
F 1/08	0	0	0.256	0	0	0	0		
F 1/07	0	0	0.256	0	0	0	0		
F 1/06	0	0	0.256	0	0	0	0		
F 1/05	0	0	0.256	0	0	0	0		
F 1/04	0	0	0.256	0	0	0	0		
F 1/03	0	0	0.256	0	0	0	0		
F 1/02	0	0	0.256	0	0	0	0		
F 5/03	0.111	0.111	0.256	0.036	0.02	11.27	0.51	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1	

F 502	0.419	0.419	0.256	0.061	0.05	16.12	0.76	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 501	0.945	0.945	0.256	0.085	0.08	20.97	0.94	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 4617	12.155	12.155	0.256	0.230	0.45	49.99	1.98	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 4616	12.155	12.155	0.256	0.230	0.45	49.99	1.98	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 4615	14.869	14.869	0.256	0.230	0.56	49.99	2.42	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 4614	14.949	14.949	0.256	0.230	0.56	49.99	2.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 4613	14.949	14.949	0.256	0.230	0.56	49.99	2.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 4612	14.949	14.949	0.256	0.230	0.56	49.99	2.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 4611	14.949	14.949	0.256	0.230	0.56	49.99	2.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1002	0	0	0.256	0	0	0	0	
F 46109	14.962	14.962	0.256	0.230	0.56	49.99	2.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46108	14.962	14.962	0.256	0.230	0.56	49.99	2.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46107	15.020	15.020	0.256	0.230	0.56	49.99	2.44	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46106	15.129	15.129	0.256	0.230	0.57	49.99	2.46	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46105	15.474	15.474	0.256	0.230	0.58	49.99	2.52	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1010	0	0	0.256	0	0	0	0	
F 46104	15.474	15.474	0.256	0.230	0.58	49.99	2.52	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46103	15.474	15.474	0.256	0.230	0.58	49.99	2.52	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46102	15.474	15.474	0.256	0.230	0.58	49.99	2.52	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 6102	0	0	0.256	0	0	0	0	
F 6101	0.072	0.072	0.256	0.031	0.01	10.20	0.45	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 7103	0	0	0.256	0	0	0	0	
F 7102	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 7101	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 8104	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 8103	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 8102	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 8101	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 9116	5.955	5.955	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9115	5.955	5.955	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9114	5.955	5.955	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9113	5.955	5.955	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9112	5.955	5.955	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9111	5.977	5.977	0.256	0.181	0.27	40.19	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9110	5.977	5.977	0.256	0.181	0.27	40.19	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9109	5.980	5.980	0.256	0.181	0.27	40.19	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9108	5.981	5.981	0.256	0.181	0.27	40.19	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9107	5.981	5.981	0.256	0.181	0.27	40.19	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9106	6.022	6.022	0.256	0.182	0.28	40.37	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9105	6.022	6.022	0.256	0.182	0.28	40.37	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9104	6.036	6.036	0.256	0.182	0.28	40.37	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9103	6.036	6.036	0.256	0.182	0.28	40.37	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9102	6.036	6.036	0.256	0.182	0.28	40.37	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 8106	0	0	0.256	0	0	0	0	
F 8105	0	0	0.256	0	0	0	0	
F 9125	6.390	6.390	0.256	0.185	0.29	41.09	1.55	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9124	6.231	6.231	0.256	0.184	0.28	40.73	1.54	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9123	6.241	6.241	0.256	0.185	0.28	40.91	1.53	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9122	6.265	6.265	0.256	0.185	0.28	40.91	1.53	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9121	6.203	6.203	0.256	0.184	0.28	40.73	1.53	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9120	6.203	6.203	0.256	0.184	0.28	40.73	1.53	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9119	6.268	6.268	0.256	0.185	0.28	40.91	1.53	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9118	5.953	5.953	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 9117	5.953	5.953	0.256	0.181	0.27	40.19	1.51	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 10104	0.035	0.035	0.256	0.024	0.01	7.93	0.37	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 10103	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 10102	0.033	0.033	0.256	0.023	0.01	7.63	0.38	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 10101	0.052	0.052	0.256	0.027	0.01	9.13	0.41	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11143	15.828	15.828	0.256	0.230	0.59	49.99	2.57	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 11142	9.426	9.426	0.256	0.217	0.37	47.38	1.71	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 11141	2.334	2.334	0.256	0.123	0.15	28.70	1.19	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1
F 11140	2.044	2.044	0.256	0.117	0.13	27.44	1.15	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1
F 11139	0.475	0.475	0.256	0.064	0.05	16.84	0.78	AR&R 100 year, 10 minutes storm, average 212 mm/h, Zone 1
F 11138	0	0	0.256	0	0	0	0	
F 11137	0	0	0.256	0	0	0	0	
F 11136	0	0	0.256	0	0	0	0	
F 11135	0	0	0.256	0	0	0	0	
F 11134	0	0	0.256	0	0	0	0	
F 11133	0	0	0.256	0	0	0	0	
F 11132	0	0	0.256	0	0	0	0	
F 11131	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11130	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11129	0.005	0.005	0.256	0.011	0.00	3.74	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11128	0.006	0.006	0.256	0.012	0.00	4.04	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11127	0.019	0.019	0.256	0.019	0.01	6.44	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11126	0.019	0.019	0.256	0.019	0.01	6.44	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11125	0.019	0.019	0.256	0.019	0.01	6.44	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 11124	1.224	1.224	0.256	0.095	0.10	22.95	1.01	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11123	1.231	1.231	0.256	0.095	0.10	22.95	1.01	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11122	1.565	1.565	0.256	0.105	0.11	24.92	1.08	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11121	1.565	1.565	0.256	0.105	0.11	24.92	1.08	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11120	1.565	1.565	0.256	0.105	0.11	24.92	1.08	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11119	1.623	1.623	0.256	0.106	0.12	25.28	1.08	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11118	1.814	1.814	0.256	0.111	0.12	26.18	1.12	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11117	1.814	1.814	0.256	0.111	0.12	26.18	1.12	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11116	1.814	1.814	0.256	0.111	0.12	26.18	1.12	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11115	1.814	1.814	0.256	0.111	0.12	26.18	1.12	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11114	1.814	1.814	0.256	0.111	0.12	26.18	1.12	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11113	1.814	1.814	0.256	0.111	0.12	26.18	1.12	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11112	1.729	1.729	0.256	0.109	0.12	25.82	1.10	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11111	1.825	1.825	0.256	0.112	0.12	26.36	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11110	1.825	1.825	0.256	0.112	0.12	26.36	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11109	1.844	1.844	0.256	0.112	0.13	26.36	1.13	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1

F 11\08	1.766	1.766	0.256	0.110	0.12	26.00	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11\07	1.766	1.766	0.256	0.110	0.12	26.00	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11\06	1.709	1.709	0.256	0.108	0.12	25.64	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 11\05	1.658	1.658	0.256	0.107	0.12	25.46	1.09	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11\04	1.658	1.658	0.256	0.107	0.12	25.46	1.09	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11\03	1.757	1.757	0.256	0.110	0.12	26.00	1.10	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 11\02	1.757	1.757	0.256	0.110	0.12	26.00	1.10	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 12\01	0.085	0.085	0.256	0.033	0.02	10.56	0.48	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 19\26	0.561	0.561	0.256	0.069	0.06	17.74	0.82	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\25	0.561	0.561	0.256	0.069	0.06	17.74	0.82	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\24	0.706	0.706	0.256	0.076	0.07	19.18	0.86	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\23	0.710	0.710	0.256	0.076	0.07	19.18	0.87	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\22	1.270	1.270	0.256	0.097	0.10	23.31	1.01	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\21	1.273	1.273	0.256	0.097	0.10	23.31	1.01	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\20	1.273	1.273	0.256	0.097	0.10	23.31	1.01	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\19	1.273	1.273	0.256	0.097	0.10	23.31	1.01	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\18	1.420	1.420	0.256	0.101	0.11	24.21	1.04	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\17	2.311	2.311	0.256	0.123	0.15	28.52	1.20	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\16	2.377	2.377	0.256	0.124	0.15	28.88	1.20	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\15	2.377	2.377	0.256	0.124	0.15	28.88	1.20	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\14	2.515	2.515	0.256	0.127	0.15	29.41	1.22	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\13	3.260	3.260	0.256	0.141	0.18	32.29	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\12	3.260	3.260	0.256	0.141	0.18	32.29	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\11	3.260	3.260	0.256	0.141	0.18	32.29	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\10	3.260	3.260	0.256	0.141	0.18	32.29	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\09	3.260	3.260	0.256	0.141	0.18	32.29	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\06	3.076	3.076	0.256	0.138	0.18	31.57	1.29	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\02	2.787	2.787	0.256	0.132	0.17	30.49	1.25	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\01	2.787	2.787	0.256	0.132	0.17	30.49	1.25	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 13\02	0.005	0.005	0.256	0.011	0.00	3.74	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 13\01	0	0	0.256	0	0	0	0	
F 14\02	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 14\01	0.024	0.024	0.256	0.020	0.01	6.74	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 15\04	0	0	0.256	0	0	0	0	
F 15\03	0.094	0.094	0.256	0.034	0.02	10.74	0.50	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 15\02	0.094	0.094	0.256	0.034	0.02	10.74	0.50	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 15\01	0.094	0.094	0.256	0.034	0.02	10.74	0.50	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 16\03	0.129	0.129	0.256	0.038	0.02	11.63	0.54	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 16\02	0	0	0.256	0	0	0	0	
F 16\01	0	0	0.256	0	0	0	0	
F 17\02	0.183	0.183	0.256	0.044	0.03	12.71	0.60	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 17\01	0.859	0.859	0.256	0.082	0.07	20.43	0.91	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 18\02	0.045	0.045	0.256	0.026	0.01	8.53	0.41	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 18\01	0.085	0.085	0.256	0.033	0.02	10.56	0.48	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 70\01	0.299	0.299	0.256	0.053	0.04	14.69	0.68	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 19\28	0.282	0.282	0.256	0.052	0.04	14.33	0.68	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 19\27	0.423	0.423	0.256	0.062	0.05	16.30	0.75	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 35\04	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 35\03	0.048	0.048	0.256	0.026	0.01	8.83	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 35\02	0.048	0.048	0.256	0.026	0.01	8.83	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 35\01	0.048	0.048	0.256	0.026	0.01	8.83	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\14	0.218	0.218	0.256	0.047	0.03	13.43	0.62	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\13	0.218	0.218	0.256	0.047	0.03	13.43	0.62	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\12	0.218	0.218	0.256	0.047	0.03	13.43	0.62	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\11	0.218	0.218	0.256	0.047	0.03	13.43	0.62	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\10	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\09	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\08	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\07	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\06	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\05	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\04	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\03	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\02	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 38\01	0.489	0.489	0.256	0.065	0.05	17.02	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 36\03	0.092	0.092	0.256	0.034	0.02	10.74	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 36\02	0.092	0.092	0.256	0.034	0.02	10.74	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 36\01	0.490	0.490	0.256	0.065	0.05	17.02	0.79	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 38\17	0	0	0.256	0	0	0	0	
F 38\16	0	0	0.256	0	0	0	0	
F 38\15	0.170	0.170	0.256	0.043	0.02	12.53	0.58	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 39\05	0.010	0.010	0.256	0.015	0.00	4.94	0.27	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 39\04	0.001	0.001	0.256	0.007	0.00	2.25	0.17	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 39\03	0.001	0.001	0.256	0.007	0.00	2.25	0.17	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 39\02	0	0	0.256	0	0	0	0	
F 39\01	0	0	0.256	0	0	0	0	
F 40\03	0.002	0.002	0.256	0.008	0.00	2.54	0.19	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 40\02	0	0	0.256	0	0	0	0	
F 40\01	0	0	0.256	0	0	0	0	
F 41\02	0	0	0.256	0	0	0	0	
F 41\01	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 42\02	0	0	0.256	0	0	0	0	
F 42\01	0	0	0.256	0	0	0	0	
F 43\03	0.354	0.354	0.256	0.057	0.04	15.41	0.72	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 43\02	0.470	0.470	0.256	0.064	0.05	16.84	0.77	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 43\01	0.363	0.363	0.256	0.058	0.04	15.58	0.72	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 44\02	1.206	1.206	0.256	0.094	0.09	22.77	1.01	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 44\01	1.206	1.206	0.256	0.094	0.09	22.77	1.01	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 45\05	0	0	0.256	0	0	0	0	
F 45\04	0	0	0.256	0	0	0	0	
F 45\03	0	0	0.256	0	0	0	0	
F 45\02	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 45\01	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1

OF1272	11.397	11.397	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I26	11.397	11.397	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I25	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I24	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I23	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I22	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I21	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I20	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I19	11.400	11.400	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 46I18	11.506	11.506	0.256	0.230	0.43	49.99	1.87	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 47I02	0	0	0.256	0	0	0	0	
F 47I01	5.477	5.477	0.256	0.175	0.26	38.93	1.48	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 48I09	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 48I08	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 48I07	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 48I06	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 48I05	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 48I04	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 48I03	0.526	0.526	0.256	0.067	0.05	17.38	0.80	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 48I02	0	0	0.256	0	0	0	0	
F 48I01	0	0	0.256	0	0	0	0	
F 49I01	0	0	0.256	0	0	0	0	
F 50I04	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 50I03	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 50I02	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 50I01	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 51I01	0.598	0.598	0.256	0.070	0.06	18.10	0.83	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 52I05	0.013	0.013	0.256	0.017	0.00	5.54	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 52I04	0.021	0.021	0.256	0.019	0.01	6.44	0.33	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 52I03	0.013	0.013	0.256	0.017	0.00	5.54	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 52I02	0.007	0.007	0.256	0.013	0.00	4.34	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 52I01	0.007	0.007	0.256	0.013	0.00	4.34	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 53I01	0	0	0.256	0	0	0	0	
F 170I02	0	0	0.256	0	0	0	0	
F 170I01	0	0	0.256	0	0	0	0	
F 54I04	0	0	0.256	0	0	0	0	
F 54I03	0	0	0.256	0	0	0	0	
F 54I02	0	0	0.256	0	0	0	0	
F 54I01	0	0	0.256	0	0	0	0	
F 55I03	0	0	0.256	0	0	0	0	
F 55I02	0	0	0.256	0	0	0	0	
F 55I01	0	0	0.256	0	0	0	0	
F 56I07	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 56I06	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 56I05	0.012	0.012	0.256	0.016	0.00	5.24	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 56I04	0.011	0.011	0.256	0.016	0.00	5.24	0.26	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 56I03	0.013	0.013	0.256	0.017	0.00	5.54	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 56I02	0.013	0.013	0.256	0.017	0.00	5.54	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 56I01	0.013	0.013	0.256	0.017	0.00	5.54	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 57I04	0	0	0.256	0	0	0	0	
F 57I03	0.007	0.007	0.256	0.013	0.00	4.34	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 57I02	0	0	0.256	0	0	0	0	
F 57I01	0	0	0.256	0	0	0	0	
F 58I03	0.018	0.018	0.256	0.018	0.01	6.14	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 58I02	0.018	0.018	0.256	0.018	0.01	6.14	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 58I01	5.980	5.980	0.256	0.181	0.27	40.19	1.52	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 59I02	0	0	0.256	0	0	0	0	
F 59I01	0	0	0.256	0	0	0	0	
F 60I01	0.301	0.301	0.256	0.053	0.04	14.69	0.69	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 61I01	0.413	0.413	0.256	0.061	0.05	16.12	0.75	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 61I02	0.026	0.026	0.256	0.021	0.01	7.03	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 62I03	0.030	0.030	0.256	0.023	0.01	7.63	0.34	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 62I02	0.043	0.043	0.256	0.026	0.01	8.53	0.39	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 62I01	0.043	0.043	0.256	0.026	0.01	8.53	0.39	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 63I03	0.015	0.015	0.256	0.018	0.01	5.84	0.30	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 63I02	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 63I01	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 64I03	0	0	0.256	0	0	0	0	
F 64I02	0.001	0.001	0.256	0.007	0.00	2.25	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 64I01	0.001	0.001	0.256	0.007	0.00	2.25	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 65I02	0.220	0.220	0.256	0.047	0.03	13.43	0.63	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 65I01	0.220	0.220	0.256	0.047	0.03	13.43	0.63	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 66I02	0.150	0.150	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 66I01	0.150	0.150	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 67I02	0	0	0.256	0	0	0	0	
F 67I01	0	0	0.256	0	0	0	0	
F 68I02	0	0	0.256	0	0	0	0	
F 68I01	0.002	0.002	0.256	0.008	0.00	2.54	0.19	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 69I02	0.011	0.011	0.256	0.015	0.00	4.94	0.29	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 69I01	0.167	0.167	0.256	0.043	0.02	12.53	0.57	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 70I03	0.107	0.107	0.256	0.035	0.02	11.09	0.52	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 70I02	0.063	0.063	0.256	0.030	0.01	10.02	0.42	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 71I03	0.462	0.462	0.256	0.063	0.05	16.66	0.78	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 71I02	0.688	0.688	0.256	0.075	0.06	19.00	0.86	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 71I01	0.519	0.519	0.256	0.067	0.05	17.38	0.79	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 72I02	0.010	0.010	0.256	0.015	0.00	4.94	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 72I01	0.005	0.005	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 73I04	0	0	0.256	0	0	0	0	
F 73I03	0	0	0.256	0	0	0	0	
F 73I02	0	0	0.256	0	0	0	0	
F 73I01	0	0	0.256	0	0	0	0	
F 74I02	0	0	0.256	0	0	0	0	
F 74I01	0	0	0.256	0	0	0	0	

F 75I02	0	0	0.256	0	0	0	0					
F 75I01	0.023	0.023	0.256	0.020	0.01	6.74	0.33	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 76I02	0.008	0.008	0.256	0.013	0.00	4.34	0.27	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 76I01	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 77I01	0	0	0.256	0	0	0	0					
F 78I08	0.096	0.096	0.256	0.035	0.02	10.91	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I07	0.090	0.090	0.256	0.034	0.02	10.74	0.48	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I06	0.152	0.152	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I05	0.164	0.164	0.256	0.042	0.02	12.35	0.58	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I04	0.163	0.163	0.256	0.042	0.02	12.35	0.58	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I03	0.163	0.163	0.256	0.042	0.02	12.35	0.58	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I02	0.165	0.165	0.256	0.042	0.02	12.35	0.59	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 78I01	0.145	0.145	0.256	0.040	0.02	11.99	0.56	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 79I03	0.043	0.043	0.256	0.026	0.01	8.53	0.39	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 79I02	0	0	0.256	0	0	0	0					
F 79I01	0.088	0.088	0.256	0.034	0.02	10.74	0.47	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 80I01	0.071	0.071	0.256	0.031	0.01	10.20	0.44	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 81I06	0.040	0.040	0.256	0.025	0.01	8.23	0.40	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 81I05	0.384	0.384	0.256	0.059	0.04	15.76	0.74	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 81I04	0.244	0.244	0.256	0.049	0.03	13.79	0.65	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 81I03	0.349	0.349	0.256	0.057	0.04	15.41	0.71	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 81I02	0.479	0.479	0.256	0.064	0.05	16.84	0.79	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 81I01	0.425	0.425	0.256	0.062	0.05	16.30	0.75	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 82I01	0.031	0.031	0.256	0.023	0.01	7.63	0.36	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I01	0.130	0.130	0.256	0.038	0.02	11.63	0.55	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 83I03	0.066	0.066	0.256	0.030	0.01	10.02	0.44	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 83I02	0.066	0.066	0.256	0.030	0.01	10.02	0.44	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 83I01	0.043	0.043	0.256	0.026	0.01	8.53	0.39	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 84I01	0.014	0.014	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I03	0.032	0.032	0.256	0.023	0.01	7.63	0.37	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I02	0.068	0.068	0.256	0.030	0.01	10.02	0.45	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 85I01	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 86I03	0.005	0.005	0.256	0.011	0.00	3.74	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 86I02	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 86I01	0.021	0.021	0.256	0.019	0.01	6.44	0.34	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 87I05	0.018	0.018	0.256	0.018	0.01	6.14	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 87I04	0.012	0.012	0.256	0.016	0.00	5.24	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 87I03	0.012	0.012	0.256	0.016	0.00	5.24	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 87I02	0.012	0.012	0.256	0.016	0.00	5.24	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 87I01	0.010	0.010	0.256	0.015	0.00	4.94	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 89I01	0.019	0.019	0.256	0.019	0.01	6.44	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I07	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I06	0.008	0.008	0.256	0.014	0.00	4.64	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I05	0.007	0.007	0.256	0.013	0.00	4.34	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 182I04	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 90I02	0	0	0.256	0	0	0	0					
F 91I06	0.057	0.057	0.256	0.028	0.01	9.43	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 91I05	0.057	0.057	0.256	0.028	0.01	9.43	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 91I04	0.106	0.106	0.256	0.035	0.02	11.09	0.51	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 91I03	0.106	0.106	0.256	0.035	0.02	11.09	0.51	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 91I02	0.106	0.106	0.256	0.035	0.02	11.09	0.51	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 93I06	0	0	0.256	0	0	0	0					
F 93I05	0.004	0.004	0.256	0.010	0.00	3.44	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 93I04	0.030	0.030	0.256	0.023	0.01	7.63	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 93I03	0.122	0.122	0.256	0.037	0.02	11.45	0.54	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 93I02	0.435	0.435	0.256	0.062	0.05	16.30	0.77	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 93I01	0.435	0.435	0.256	0.062	0.05	16.30	0.77	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 94I02	0.008	0.008	0.256	0.014	0.00	4.64	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 94I01	0.002	0.002	0.256	0.008	0.00	2.54	0.19	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 95I03	0.002	0.002	0.256	0.008	0.00	2.54	0.17	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 95I02	0.001	0.001	0.256	0.007	0.00	2.25	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 95I01	0	0	0.256	0	0	0	0					
F 96I10	0	0	0.256	0	0	0	0					
F 96I09	0	0	0.256	0	0	0	0					
F 96I08	0	0	0.256	0	0	0	0					
F 96I07	0	0	0.256	0	0	0	0					
F 96I06	0	0	0.256	0	0	0	0					
F 96I05	0.030	0.030	0.256	0.023	0.01	7.63	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 96I04	0.030	0.030	0.256	0.023	0.01	7.63	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 96I03	0.101	0.101	0.256	0.035	0.02	11.09	0.49	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 96I02	0.191	0.191	0.256	0.044	0.03	12.89	0.61	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 96I01	0.191	0.191	0.256	0.044	0.03	12.89	0.61	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 98I01	0.090	0.090	0.256	0.034	0.02	10.74	0.48	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1				
F 99I01	0.003	0.003	0.256	0.009	0.00	3.14	0.20	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I06	0.085	0.085	0.256	0.033	0.02	10.56	0.48	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I05	0.152	0.152	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I04	0.152	0.152	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I03	0.152	0.152	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I02	0.171	0.171	0.256	0.043	0.02	12.53	0.58	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I01	0.225	0.225	0.256	0.047	0.03	13.43	0.64	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 100I01	0	0	0.256	0	0	0	0					
F 102I14	0	0	0.256	0	0	0	0					
F 102I13	0.028	0.028	0.256	0.022	0.01	7.33	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I12	0.029	0.029	0.256	0.022	0.01	7.33	0.37	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I11	0.053	0.053	0.256	0.027	0.01	9.13	0.42	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I10	0.102	0.102	0.256	0.035	0.02	11.09	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I09	0.078	0.078	0.256	0.032	0.01	10.38	0.46	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I08	0.078	0.078	0.256	0.032	0.01	10.38	0.46	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 102I07	0.072	0.072	0.256	0.031	0.01	10.20	0.45	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 103I04	0	0	0.256	0	0	0	0					
F 103I03	0.043	0.043	0.256	0.026	0.01	8.53	0.40	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 103I02	0.028	0.028	0.256	0.022	0.01	7.33	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				
F 103I01	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1				

F 104\01	0.010	0.010	0.256	0.015	0.00	4.94	0.28	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 105\01	0.093	0.093	0.256	0.034	0.02	10.74	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 106\02	0.001	0.001	0.256	0.006	0.00	1.95	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 106\01	0.001	0.001	0.256	0.006	0.00	1.95	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 107\02	0	0	0.256	0	0	0	0	
OF1057	0.036	0.036	0.256	0.024	0.01	7.93	0.38	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 108\01	0.004	0.004	0.256	0.010	0.00	3.44	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 109\02	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 109\01	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 110\05	0	0	0.256	0	0	0	0	
F 110\04	0	0	0.256	0	0	0	0	
F 110\03	0	0	0.256	0	0	0	0	
F 110\02	0.059	0.059	0.256	0.029	0.01	9.73	0.42	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 110\01	0.055	0.055	0.256	0.028	0.01	9.43	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 111\03	0.032	0.032	0.256	0.023	0.01	7.63	0.37	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 111\02	0.032	0.032	0.256	0.023	0.01	7.63	0.37	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 111\01	0.142	0.142	0.256	0.040	0.02	11.99	0.55	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 112\01	0	0	0.256	0	0	0	0	
F 113\02	0	0	0.256	0	0	0	0	
F 113\01	0	0	0.256	0	0	0	0	
F 126\10	0.007	0.007	0.256	0.013	0.00	4.34	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\09	0.007	0.007	0.256	0.013	0.00	4.34	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\08	0.007	0.007	0.256	0.013	0.00	4.34	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\07	0.007	0.007	0.256	0.013	0.00	4.34	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\06	0.006	0.006	0.256	0.012	0.00	4.04	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\05	0.006	0.006	0.256	0.012	0.00	4.04	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\04	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\03	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\02	0.007	0.007	0.256	0.013	0.00	4.34	0.25	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 126\01	0	0	0.256	0	0	0	0	
F 129\01	0.266	0.266	0.256	0.051	0.03	14.15	0.66	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 130\03	0	0	0.256	0	0	0	0	
F 130\02	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 130\01	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 131\03	0	0	0.256	0	0	0	0	
F 131\02	0	0	0.256	0	0	0	0	
F 131\01	0	0	0.256	0	0	0	0	
F 133\03	0.016	0.016	0.256	0.018	0.01	5.84	0.30	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 133\02	0.002	0.002	0.256	0.008	0.00	2.54	0.16	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 134\03	0	0	0.256	0	0	0	0	
F 134\02	0.028	0.028	0.256	0.022	0.01	7.33	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 135\03	0	0	0.256	0	0	0	0	
F 135\02	0.033	0.033	0.256	0.023	0.01	7.63	0.38	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 135\01	0.033	0.033	0.256	0.023	0.01	7.63	0.38	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 136\01	0.001	0.001	0.256	0.007	0.00	2.25	0.19	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 137\03	0	0	0.256	0	0	0	0	
F 137\02	0.069	0.069	0.256	0.031	0.01	10.20	0.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 138\02	0.015	0.015	0.256	0.018	0.01	5.84	0.30	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 138\01	0.153	0.153	0.256	0.041	0.02	12.17	0.57	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 139\04	1.665	1.665	0.256	0.107	0.12	25.46	1.09	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 139\03	0.179	0.179	0.256	0.044	0.03	12.71	0.59	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 139\02	0.208	0.208	0.256	0.046	0.03	13.25	0.61	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 139\01	0.208	0.208	0.256	0.046	0.03	13.25	0.61	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 140\01	1.709	1.709	0.256	0.108	0.12	25.64	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 141\02	0	0	0.256	0	0	0	0	
F 141\01	0.044	0.044	0.256	0.026	0.01	8.53	0.40	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 145\01	0.065	0.065	0.256	0.030	0.01	10.02	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 144\01	0.116	0.116	0.256	0.037	0.02	11.45	0.51	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 142\05	1.658	1.658	0.256	0.107	0.12	25.46	1.09	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 142\04	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 142\03	0.166	0.166	0.256	0.042	0.02	12.35	0.59	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 142\02	0.190	0.190	0.256	0.044	0.03	12.89	0.60	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 142\01	0.151	0.151	0.256	0.041	0.02	12.17	0.56	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 143\01	1.665	1.665	0.256	0.107	0.12	25.46	1.09	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 144\07	0.006	0.006	0.256	0.012	0.00	4.04	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 144\06	0.014	0.014	0.256	0.017	0.01	5.54	0.30	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 144\05	0.024	0.024	0.256	0.021	0.01	7.03	0.33	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 144\04	0.029	0.029	0.256	0.022	0.01	7.33	0.36	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 144\03	0.051	0.051	0.256	0.027	0.01	9.13	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 144\02	0.051	0.051	0.256	0.027	0.01	9.13	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 145\04	1.766	1.766	0.256	0.110	0.12	26.00	1.11	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 145\03	0	0	0.256	0	0	0	0	
F 145\02	0.021	0.021	0.256	0.019	0.01	6.44	0.34	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 146\01	0	0	0.256	0	0	0	0	
F 147\01	0.022	0.022	0.256	0.020	0.01	6.74	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 148\02	0.005	0.005	0.256	0.011	0.00	3.74	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 148\01	0.005	0.005	0.256	0.011	0.00	3.74	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 149\01	0.007	0.007	0.256	0.013	0.00	4.34	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 151\02	0	0	0.256	0	0	0	0	
F 151\01	0.069	0.069	0.256	0.031	0.01	10.20	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 152\01	0.049	0.049	0.256	0.027	0.01	9.13	0.39	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 179\01	0.232	0.232	0.256	0.048	0.03	13.61	0.64	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 153\03	0	0	0.256	0	0	0	0	
F 153\02	0.075	0.075	0.256	0.032	0.01	10.38	0.45	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 153\01	0	0	0.256	0	0	0	0	
F 154\03	0.127	0.127	0.256	0.038	0.02	11.63	0.53	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 154\02	0.040	0.040	0.256	0.025	0.01	8.23	0.40	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 154\01	0.016	0.016	0.256	0.018	0.01	5.84	0.31	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 155\02	0	0	0.256	0	0	0	0	
F 155\01	0.008	0.008	0.256	0.014	0.00	4.64	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 156\02	0.085	0.085	0.256	0.033	0.02	10.56	0.48	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 156\01	0.179	0.179	0.256	0.044	0.03	12.71	0.59	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 157\01	0.069	0.069	0.256	0.031	0.01	10.20	0.43	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1

F 158\01	0.068	0.068	0.256	0.030	0.01	10.02	0.45	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 159\01	0	0	0.256	0	0	0	0	
F 160\02	0	0	0.256	0	0	0	0	
F 19\07	3.158	3.158	0.256	0.140	0.18	31.93	1.29	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 161\01	3.076	3.076	0.256	0.138	0.18	31.57	1.29	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\05	2.994	2.994	0.256	0.137	0.17	31.39	1.27	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\04	2.912	2.912	0.256	0.135	0.17	31.03	1.26	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 19\03	2.787	2.787	0.256	0.132	0.17	30.49	1.25	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 165\01	0	0	0.256	0	0	0	0	
F 19\08	3.180	3.180	0.256	0.140	0.18	31.93	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 167\01	0	0	0.256	0	0	0	0	
F 168\01	0.024	0.024	0.256	0.021	0.01	7.03	0.33	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 169\01	0.022	0.022	0.256	0.020	0.01	6.74	0.32	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 170\03	0	0	0.256	0	0	0	0	
F 171\01	0	0	0.256	0	0	0	0	
F 172\01	0	0	0.256	0	0	0	0	
F 173\01	0	0	0.256	0	0	0	0	
F 174\01	0.001	0.001	0.256	0.006	0.00	1.95	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 175\01	0.001	0.001	0.256	0.005	0.00	1.65	0.14	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 176\01	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 177\01	0.004	0.004	0.256	0.010	0.00	3.44	0.20	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 178\01	0	0	0.256	0	0	0	0	
F 179\02	0.228	0.228	0.256	0.048	0.03	13.61	0.63	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 180\02	0.039	0.039	0.256	0.025	0.01	8.23	0.38	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 180\01	0.134	0.134	0.256	0.039	0.02	11.81	0.54	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 181\01	0.004	0.004	0.256	0.010	0.00	3.44	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 182\09	0	0	0.256	0	0	0	0	
F 182\08	0	0	0.256	0	0	0	0	
F 183\02	0	0	0.256	0	0	0	0	
F 184\01	0.092	0.092	0.256	0.034	0.02	10.74	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 185\01	0.026	0.026	0.256	0.021	0.01	7.03	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 186\02	0	0	0.256	0	0	0	0	
F 186\01	0	0	0.256	0	0	0	0	
F 187\02	0.402	0.402	0.256	0.060	0.04	15.94	0.75	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 187\01	0.402	0.402	0.256	0.060	0.04	15.94	0.75	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
F 188\01	0	0	0.256	0	0	0	0	
F 189\01	0	0	0.256	0	0	0	0	
F 190\01	0	0	0.256	0	0	0	0	
F 191\01	0	0	0.256	0	0	0	0	
F 192\01	0	0	0.256	0	0	0	0	
F 197\02	0.020	0.020	0.256	0.019	0.01	6.44	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 197\01	0.020	0.020	0.256	0.019	0.01	6.44	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 193\01	0	0	0.256	0	0	0	0	
F 194\01	0.006	0.006	0.256	0.012	0.00	4.04	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 195\01	0	0	0.256	0	0	0	0	
F 196\02	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 196\01	0.004	0.004	0.256	0.011	0.00	3.74	0.21	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 197\05	6.203	6.203	0.256	0.184	0.28	40.73	1.53	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
F 197\04	0.017	0.017	0.256	0.018	0.01	6.14	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 197\03	0.020	0.020	0.256	0.019	0.01	6.44	0.32	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF589	0.814	0.814	0.256	0.080	0.07	20.08	0.90	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1
OF590	0.248	0.248	0.256	0.049	0.03	13.79	0.66	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 199\01	0.110	0.110	0.256	0.036	0.02	11.27	0.51	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF4025	0	0	0.256	0	0	0	0	
OF4518	0	0	0.256	0	0	0	0	
OF4761	0	0	0.256	0	0	0	0	
OF4037	0	0	0.256	0	0	0	0	
F 24A-02	0	0	0.211	0	0	0	0	
F 24A-01	0.002	0.002	0.211	0.030	0.01	0.38	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF4040	0	0	0.256	0	0	0	0	
F 27-01	0.005	0.005	0.298	0.038	0.02	0.49	0.52	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF3062	0.042	0.042	0.256	0.026	0.01	8.53	0.38	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 30-01	0.039	0.105	0.298	0.106	0.10	2.71	0.90	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF2899	0.065	0.065	0.256	0.030	0.01	10.02	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF2743	0.362	0.362	0.256	0.057	0.04	15.41	0.73	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF606	0	0	0.256	0	0	0	0	
F 33-01	0.048	0.113	0.298	0.109	0.10	2.81	0.91	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF5011	0.175	0.175	0.256	0.043	0.03	12.53	0.60	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF2453	0	0	0.256	0	0	0	0	
F 119A-01	0.124	0.124	0.267	0.116	0.10	3.06	0.85	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 121-06	0.043	0.043	0.256	0.026	0.01	8.53	0.40	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 122A-01	0	0	0.211	0	0	0	0	
F 122-02	0.007	0.007	0.256	0.013	0.00	4.34	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF4002	0	0	0.256	0	0	0	0	
OF3808	0	0	0.256	0	0	0	0	
OF2315	0.108	0.108	19.770	0.035	0.02	11.09	0.52	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF1801	0.408	0.408	0.256	0.061	0.05	16.12	0.74	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 125-02	0	0	0.256	0	0	0	0	
F 127-01	0.003	0.045	0.050	0.096	0.09	0.96	0.98	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF6765	0	0	0.256	0	0	0	0	
OF4017	0	0	0.256	0	0	0	0	
F 3-10	0	0	0.087	0	0	0	0	
OF4035	0.275	0.275	0.256	0.052	0.03	14.33	0.66	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 32-03	0.069	0.209	0.298	0.133	0.14	3.63	1.03	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 32-02	0.122	0.235	0.298	0.138	0.15	3.81	1.06	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21-04	0.089	0.202	0.298	0.131	0.13	3.57	1.03	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF3410	0.018	0.018	0.256	0.018	0.01	6.14	0.31	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF616	0	0	0.256	0	0	0	0	
OF623	0	0	0.256	0	0	0	0	
OF621	0	0	0.256	0	0	0	0	
F 200\04	0	0	0.190	0	0	0	0	
F 200\03	0.012	0.012	0.190	0.061	0.05	0.68	0.76	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 200\02	0.012	0.012	0.190	0.061	0.05	0.68	0.76	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1

F 20101	0.024	0.024	0.190	0.075	0.06	1.15	0.83	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20202	0.022	0.022	0.190	0.073	0.06	1.06	0.83	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20201	0.012	0.012	0.190	0.061	0.05	0.68	0.76	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20402	0.046	0.046	0.190	0.092	0.08	1.70	0.88	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20401	0	0	0.190	0	0	0	0	
F 20504	0.056	0.056	0.190	0.097	0.09	1.88	0.90	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20503	0.056	0.056	0.190	0.097	0.09	1.88	0.90	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20502	0.003	0.003	0.190	0.038	0.02	0.31	0.54	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20603	2.568	2.568	0.190	0.301	0.69	6.40	2.31	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 20602	1.964	1.964	0.190	0.275	0.57	6.40	2.07	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 20601	1.520	1.520	0.190	0.253	0.48	6.40	1.88	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 20802	1.525	1.525	0.190	0.253	0.48	6.40	1.89	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
F 20702	0	0	0.190	0	0	0	0	
F 20701	0	0	0.190	0	0	0	0	
F 20804	0	0	0.190	0	0	0	0	
F 20803	0.008	0.008	0.190	0.053	0.04	0.44	0.69	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20917	0	0	0.190	0	0	0	0	
F 20916	0	0	0.190	0	0	0	0	
F 20915	0.026	0.026	0.190	0.077	0.06	1.22	0.83	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20914	0.073	0.073	0.190	0.105	0.10	2.13	0.94	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20913	0.043	0.043	0.190	0.090	0.08	1.63	0.88	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20912	0.103	0.103	0.190	0.116	0.11	2.51	0.99	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20911	0.295	0.295	0.190	0.165	0.18	4.76	1.08	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20910	0.154	0.154	0.190	0.131	0.14	3.01	1.06	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20909	0.043	0.043	0.190	0.090	0.08	1.63	0.87	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20908	0.012	0.012	0.190	0.060	0.05	0.63	0.77	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20907	0.001	0.001	0.190	0.028	0.01	0.23	0.45	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20906	0.009	0.009	0.190	0.056	0.04	0.50	0.71	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20905	0	0	0.190	0	0	0	0	
F 20904	0.718	0.718	0.190	0.206	0.29	6.40	1.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20903	0.429	0.429	0.190	0.182	0.22	5.58	1.20	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20902	0.189	0.189	0.190	0.140	0.15	3.30	1.09	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 20901	0.058	0.058	0.190	0.098	0.09	1.92	0.90	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21005	0.003	0.003	0.190	0.039	0.02	0.32	0.55	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21004	0.022	0.022	0.190	0.073	0.06	1.09	0.81	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21003	0	0	0.190	0	0	0	0	
F 21002	0	0	0.190	0	0	0	0	
F 21001	0	0	0.190	0	0	0	0	
F 21103	0.032	0.032	0.190	0.082	0.07	1.38	0.84	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21102	0.326	0.326	0.190	0.169	0.19	4.97	1.11	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21101	0.401	0.401	0.190	0.179	0.21	5.44	1.17	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21201	0.001	0.001	0.190	0.023	0.01	0.19	0.38	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21307	0	0	0.190	0	0	0	0	
F 21306	0.003	0.003	0.190	0.035	0.02	0.29	0.53	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21305	0	0	0.190	0	0	0	0	
F 21304	0.153	0.153	0.190	0.131	0.14	3.01	1.05	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21303	0.278	0.278	0.190	0.163	0.17	4.63	1.07	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21302	0.222	0.222	0.190	0.147	0.17	3.53	1.13	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21301	0.077	0.077	0.190	0.107	0.10	2.20	0.95	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21402	0.002	0.002	0.190	0.032	0.02	0.27	0.49	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21401	0	0	0.190	0	0	0	0	
F 21501	0.053	0.053	0.190	0.095	0.09	1.81	0.90	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21601	0.001	0.001	0.190	0.027	0.01	0.22	0.45	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21701	0.010	0.010	0.190	0.058	0.04	0.57	0.74	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21801	0.006	0.006	0.190	0.047	0.03	0.39	0.63	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 21901	0.003	0.003	0.190	0.036	0.02	0.30	0.53	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 22002	0.001	0.001	0.190	0.023	0.01	0.19	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 22001	0.001	0.001	0.190	0.023	0.01	0.19	0.41	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
F 22101	0.001	0.001	0.190	0.027	0.01	0.22	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF686	0.057	0.057	19.770	0.028	0.01	9.43	0.43	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF691	0.035	0.035	19.770	0.024	0.01	7.93	0.37	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF693	0.070	0.070	19.770	0.031	0.01	10.20	0.44	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF697	0.070	0.070	19.770	0.031	0.01	10.20	0.44	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF700	0.028	0.028	19.770	0.022	0.01	7.33	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF701	0.006	0.006	19.770	0.012	0.00	4.04	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF702	0.007	0.007	19.770	0.013	0.00	4.34	0.24	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF703	0.040	0.040	19.770	0.025	0.01	8.23	0.39	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF704	0.155	0.155	19.770	0.041	0.02	12.17	0.57	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF695	0.030	0.030	19.770	0.023	0.01	7.63	0.35	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1
OF1120	15.849	15.849	0.256	0.230	0.59	49.99	2.58	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1006	0	0	0.256	0	0	0	0	
OF1008	0	0	0.256	0	0	0	0	
OF1020	4.927	4.927	0.256	0.167	0.24	37.50	1.44	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
OF1018	1.982	1.982	0.256	0.115	0.13	27.08	1.14	AR&R 100 year, 20 minutes storm, average 163 mm/h, Zone 1
OF1062	15.849	15.849	0.256	0.230	0.59	49.99	2.58	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1107	0	0	0.256	0	0	0	0	
OF1110	0	0	0.256	0	0	0	0	
OF1114	0	0	0.256	0	0	0	0	
OF1129	0	0	0.256	0	0	0	0	
OF1125	0.526	0.526	0.256	0.067	0.05	17.38	0.80	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1167	0	0	0.256	0	0	0	0	
OF1161	0	0	0.256	0	0	0	0	
OF1154	0	0	0.256	0	0	0	0	
OF1148	0	0	0.256	0	0	0	0	
OF1142	2.334	2.334	0.256	0.123	0.15	28.70	1.19	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1
OF1135	2.044	2.044	0.256	0.117	0.13	27.44	1.15	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1
OF1172	0	0	0.256	0	0	0	0	
OF1173	0	0	0.256	0	0	0	0	
OF1174	2.334	2.334	0.256	0.123	0.15	28.70	1.19	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1
OF1175	9.426	9.426	0.256	0.217	0.37	47.38	1.71	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1176	16.375	16.375	0.256	0.230	0.61	49.99	2.66	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1177	25.717	25.717	0.256	0.230	0.96	49.99	4.18	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1
OF1178	2.334	2.334	0.256	0.123	0.15	28.70	1.19	AR&R 100 year, 15 minutes storm, average 182 mm/h, Zone 1

F 46\27	25.739	25.739	0.256	0.230	0.96	49.99	4.19	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
OF1206	0	0	0.256	0	0	0	0				
OF1205	0.002	0.002	0.256	0.008	0.00	2.54	0.19	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
OF1207	3.260	3.260	0.256	0.141	0.18	32.29	1.30	AR&R 100 year, 25 minutes storm, average 148 mm/h, Zone 1			
OF1214	0	0	0.256	0	0	0	0				
OF1221	0.124	0.124	0.256	0.038	0.02	11.63	0.52	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
OF1230	0.005	0.005	0.256	0.011	0.00	3.74	0.23	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
OF1231	0.444	0.444	0.256	0.062	0.05	16.48	0.77	AR&R 100 year, 5 minutes storm, average 269 mm/h, Zone 1			
OF1235	0	0	0.256	0	0	0	0				
OF1278	11.397	11.397	0.256	0.230	0.43	49.99	1.85	AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1			
DETENTION BASIN DETAILS											
Name	Max WL	MaxVol	Max Q	Max Q	Max Q						
			Total	Low Level	High Level						
CONTINUITY CHECK for AR&R 100 year, 1.5 hours storm, average 74.2 mm/h, Zone 1											
Node	Inflow (cu.m)	Outflow (cu.m)	Storage Char (cu.m)	Difference %							
1\24	16889.15	16889.15	0.00	0.0							
1\23	16889.15	16882.74	0.00	0.0							
1\22	16882.74	16876.56	0.00	0.0							
1\21	16876.56	16870.61	0.00	0.0							
1\20	16870.61	16863.89	0.00	0.0							
1\19	21531.38	21525.61	0.00	0.0							
1\18	21525.61	21512.27	0.00	0.1							
1\17	21512.28	21499.27	0.00	0.1							
1\16	21721.06	21708.14	0.00	0.1							
1\15	21708.22	21695.66	0.00	0.1							
1\14	21695.75	21683.53	0.00	0.1							
1\13	54061.46	54068.65	0.00	-0.0							
1\12	53238.01	53242.44	0.00	-0.0							
1\11	53242.44	53239.11	0.00	0.0							
1\10	53239.11	53236.55	0.00	0.0							
1\09	53236.55	53233.47	0.00	0.0							
1\08	53233.47	53230.32	0.00	0.0							
1\07	53230.32	53227.13	0.00	0.0							
1\06	53227.13	53227.53	0.00	-0.0							
1\05	53227.53	53227.01	0.00	0.0							
1\04	53227.01	53226.61	0.00	0.0							
1\03	53226.61	53226.42	0.00	0.0							
1\02	53226.42	53226.42	0.00	0.0							
1\01	53226.42	53226.42	0.00	0.0							
5\03	163.46	163.46	0.00	0.0							
5\02	759.42	759.39	0.00	0.0							
5\01	759.40	759.40	0.00	-0.0							
46\17	23013.49	23016.66	0.00	-0.0							
46\16	23016.66	23019.14	0.00	-0.0							
46\15	29861.34	29859.62	0.00	0.0							
46\14	29999.80	29997.95	0.00	0.0							
46\13	30036.88	30035.50	0.00	0.0							
46\12	30035.49	30034.85	0.00	0.0							
46\11	30034.83	30034.68	0.00	0.0							
46\10	24774.81	24775.24	0.00	-0.0							
46\09	31060.76	31091.55	0.00	-0.1							
46\08	31927.72	31925.62	0.00	0.0							
46\07	32657.10	32655.77	0.00	0.0							
46\06	33536.02	33534.21	0.00	0.0							
46\05	51126.59	51125.61	0.00	0.0							
46\04A	43906.18	43910.60	0.00	-0.0							
46\04	52647.96	52653.39	0.00	-0.0							
46\03	53712.02	53711.91	0.00	0.0							
46\02	54640.13	54640.13	0.00	0.0							
46\01	46727.90	46727.90	0.00	0.0							
6\02	0.00	0.00	0.00	0.0							
6\01	0.00	-0.00	0.00	0.0							
7\03	0.00	0.00	0.00	0.0							
7\02	58.35	58.30	0.00	0.1							
7\01	58.30	58.30	0.00	0.0							
8\04	4457.93	4457.92	0.00	0.0							
8\03	4457.94	4457.92	0.00	0.0							
8\02	4457.94	4457.74	0.00	0.0							
8\01	4457.76	4456.63	0.00	0.0							
9\16	9942.28	9944.33	0.00	-0.0							
9\15	9944.31	9944.33	0.00	-0.0							
9\14	9944.31	9944.33	0.00	-0.0							
9\13	9944.31	9944.33	0.00	-0.0							
9\12	9944.31	9944.33	0.00	-0.0							
9\11	10455.62	10455.62	0.00	-0.0							
9\10	10455.65	10455.62	0.00	0.0							
9\09	10473.26	10473.18	0.00	0.0							
9\08	10708.34	10709.08	0.00	-0.0							
9\07	14038.05	14047.79	0.00	-0.1							
9\06	14570.87	14570.90	0.00	-0.0							
9\05	14570.89	14570.90	0.00	-0.0							
9\04	15282.40	15283.88	0.00	-0.0							
9\03	15283.90	15283.88	0.00	0.0							
9\02	15283.90	15283.88	0.00	0.0							
9\01	14226.72	14226.72	0.00	0.0							
8\06	4399.64	4399.64	0.00	0.0							
8\05	4399.64	4399.64	0.00	0.0							
9\25	830.69	830.69	0.00	0.0							
9\24	1030.19	1030.18	0.00	0.0							

17\02	456.20	456.18	0.00	0.0								
17\01	1907.05	1906.82	0.00	0.0								
18\02	99.82	99.82	0.00	0.0								
18\01	107.76	107.65	0.00	0.1								
70\01	287.69	287.35	0.00	0.1								
19\28	1029.43	1029.43	0.00	0.0								
19\27	1029.43	1029.23	0.00	0.0								
35\04	37.06	36.97	0.00	0.2								
35\03	96.09	96.09	0.00	-0.0								
35\02	96.09	96.09	0.00	-0.0								
35\01	96.09	96.09	0.00	-0.0								
38\14	15871.65	15871.81	0.00	-0.0								
38\13	15871.70	15871.81	0.00	-0.0								
38\12	15871.70	15871.81	0.00	-0.0								
38\11	15871.70	15871.81	0.00	-0.0								
38\10	16582.55	16582.50	0.00	0.0								
38\09	16582.46	16582.50	0.00	-0.0								
38\08	16582.46	16582.50	0.00	-0.0								
38\07	16582.46	16582.50	0.00	-0.0								
38\06	16582.46	16582.50	0.00	-0.0								
38\05	16582.46	16582.50	0.00	-0.0								
38\04	16582.46	16582.50	0.00	-0.0								
38\03	16582.46	16582.50	0.00	-0.0								
38\02	16582.46	16582.50	0.00	-0.0								
38\01	16631.99	16634.81	0.00	-0.0								
36\03	246.63	246.63	0.00	0.0								
36\02	247.02	247.65	0.00	-0.3								
36\01	880.28	880.19	0.00	0.0								
38\17	15456.47	15456.46	0.00	0.0								
38\16	15460.24	15460.26	0.00	-0.0								
38\15	15772.99	15775.75	0.00	-0.0								
39\05	47.43	47.37	0.00	0.1								
39\04	47.37	47.37	0.00	0.0								
39\03	47.37	47.37	0.00	-0.0								
39\02	308.50	307.96	0.41	0.0								
39\01	307.96	307.71	0.00	0.1								
40\03	68.06	68.05	0.00	0.0								
40\02	74.34	74.45	0.00	-0.1								
40\01	96.29	96.32	0.00	-0.0								
41\02	65.41	65.41	0.00	0.0								
41\01	186.19	186.11	0.00	0.0								
42\02	157.84	157.88	0.00	-0.0								
42\01	164.82	164.82	0.00	0.0								
43\03	547.53	547.53	0.00	0.0								
43\02	669.30	669.30	0.00	0.0								
43\01	709.90	709.93	0.00	-0.0								
44\02	1836.50	1836.50	0.00	0.0								
44\01	1836.50	1836.50	0.00	0.0								
45\05	3373.86	3373.86	0.00	0.0								
45\04	3373.86	3373.86	0.00	0.0								
45\03	3373.86	3373.73	0.00	0.0								
45\02	3465.87	3464.87	0.00	0.0								
45\01	3464.85	3463.61	0.00	0.0								
46\27	21371.54	21371.42	0.00	0.0								
46\26	21371.57	21373.98	0.00	-0.0								
46\25	21462.87	21466.67	0.00	-0.0								
46\24	21492.65	21496.80	0.00	-0.0								
46\23	21496.62	21499.93	0.00	-0.0								
46\22	21702.18	21704.97	0.00	-0.0								
46\21	21704.68	21704.91	0.00	-0.0								
46\20	21704.62	21707.00	0.00	-0.0								
46\19	21706.71	21708.36	0.00	-0.0								
46\18	22257.51	22254.39	5.00	-0.0								
47\02	31910.70	31910.71	0.00	-0.0								
47\01	32368.60	32377.90	0.00	-0.0								
48\09	945.05	945.03	0.00	0.0								
48\08	945.03	944.92	0.00	0.0								
48\07	944.92	945.22	0.00	-0.0								
48\06	945.21	944.88	0.00	0.0								
48\05	944.88	944.53	0.00	0.0								
48\04	944.53	944.17	0.00	0.0								
48\03	944.17	938.83	5.00	0.0								
48\02	551.96	546.81	4.68	0.1								
48\01	663.33	661.76	0.97	0.1								
49\01	3.78	3.78	0.00	0.0								
50\04	37.67	37.59	0.00	0.2								
50\03	82.33	82.30	0.00	0.0								
50\02	82.30	82.32	0.00	-0.0								
50\01	82.32	82.32	0.00	-0.0								
51\01	1450.88	1450.87	0.00	0.0								
52\05	56.47	56.42	0.00	0.1								
52\04	117.31	117.22	0.00	0.1								
52\03	135.53	135.41	0.00	0.1								
52\02	155.27	155.12	0.00	0.1								
52\01	155.12	155.03	0.00	0.1								
53\01	0.00	0.00	0.00	0.0								
170\02	482.84	483.08	0.00	-0.1								
170\01	549.76	549.18	0.00	0.1								
54\04	67.17	66.77	0.00	0.6								
54\03	66.77	66.78	0.00	-0.0								
54\02	66.78	66.73	0.00	0.1								
54\01	66.73	66.68	0.00	0.1								
55\03	4.80	4.80	0.00	0.0								

55\02	4.80	4.78	0.00	0.3								
55\01	7.32	7.12	0.00	2.7								
56\07	20.07	20.07	0.00	-0.0								
56\06	31.55	31.55	0.00	0.0								
56\05	50.85	50.85	0.00	0.0								
56\04	63.64	63.64	0.00	0.0								
56\03	81.84	81.84	0.00	0.0								
56\02	183.98	183.98	0.00	0.0								
56\01	235.08	235.08	0.00	-0.0								
57\04	36.84	36.84	0.00	0.0								
57\03	58.79	58.79	0.00	0.0								
57\02	102.14	102.14	0.00	-0.0								
57\01	102.14	102.14	0.00	0.0								
58\03	44.34	44.34	0.00	-0.0								
58\02	68.72	68.72	0.00	-0.0								
58\01	761.24	761.25	0.00	-0.0								
59\02	0.55	0.56	0.00	-0.9								
59\01	11.92	12.01	0.00	-0.8								
60\01	365.86	365.87	0.00	-0.0								
61\01	458.20	457.90	0.00	0.1								
61\02	92.43	92.34	0.00	0.1								
62\03	103.46	103.46	0.00	0.0								
62\02	191.14	191.03	0.00	0.1								
62\01	191.03	191.03	0.00	-0.0								
63\03	63.97	63.97	0.00	0.0								
63\02	92.21	92.14	0.00	0.1								
63\01	92.14	92.14	0.00	-0.0								
64\03	0.00	0.00	0.00	0.0								
64\02	12.79	12.76	0.00	0.3								
64\01	24.01	24.00	0.00	0.1								
65\02	221.92	221.92	0.00	0.0								
65\01	221.92	221.79	0.00	0.1								
66\02	140.30	140.28	0.00	0.0								
66\01	140.28	140.17	0.00	0.1								
67\02	0.00	0.00	0.00	0.0								
67\01	0.00	0.00	0.00	0.0								
68\02	7.17	7.13	0.00	0.6								
68\01	26.54	26.52	0.00	0.1								
69\02	31.10	30.98	0.00	0.4								
69\01	61.09	60.96	0.00	0.2								
70\03	170.02	170.01	0.00	0.0								
70\02	180.16	180.04	0.00	0.1								
71\03	1214.74	1214.72	0.00	0.0								
71\02	1214.72	1214.72	0.00	-0.0								
71\01	1214.72	1215.35	0.00	-0.1								
72\02	48.53	48.46	0.00	0.1								
72\01	63.02	62.95	0.00	0.1								
73\04	0.00	-1.98	0.00	0.0								
73\03	-1.98	-3.65	0.00	0.0								
73\02	-3.65	-7.88	2.69	0.0								
73\01	-1.98	-5.50	2.04	0.0								
74\02	112.73	112.84	0.00	-0.1								
74\01	116.92	118.30	0.00	-1.2								
75\02	3.53	3.53	0.00	0.0								
75\01	88.90	88.80	0.00	0.1								
76\02	40.92	40.84	0.00	0.2								
76\01	59.04	59.03	0.00	0.0								
77\01	5.29	5.29	0.00	0.0								
78\08	154.31	154.31	0.00	-0.0								
78\07	154.31	154.32	0.00	-0.0								
78\06	241.45	241.47	0.00	-0.0								
78\05	249.64	249.64	0.00	-0.0								
78\04	249.64	249.64	0.00	-0.0								
78\03	249.64	249.63	0.00	0.0								
78\02	257.90	257.93	0.00	-0.0								
78\01	277.56	277.83	0.00	-0.1								
79\03	173.35	173.35	0.00	0.0								
79\02	213.50	213.36	0.00	0.1								
79\01	438.82	433.54	5.00	0.1								
80\01	200.97	200.97	0.00	0.0								
81\06	102.03	102.02	0.00	0.0								
81\05	464.36	464.34	0.00	0.0								
81\04	464.34	464.33	0.00	0.0								
81\03	583.93	583.94	0.00	-0.0								
81\02	955.81	955.81	0.00	0.0								
81\01	1025.70	1025.70	0.00	0.0								
82\01	61.66	61.66	0.00	0.0								
182\01	371.88	371.87	0.00	0.0								
83\03	36.73	36.71	0.00	0.0								
83\02	36.71	36.71	0.00	0.0								
83\01	110.83	110.77	0.00	0.0								
84\01	35.52	35.52	0.00	-0.0								
182\03	197.43	197.46	0.00	-0.0								
182\02	310.28	310.22	0.00	0.0								
85\01	37.28	37.28	0.00	0.0								
86\03	17.43	17.43	0.00	-0.0								
86\02	47.21	47.20	0.00	0.0								
86\01	75.55	75.54	0.00	0.0								
87\05	44.45	44.45	0.00	-0.0								
87\04	49.63	49.63	0.00	-0.0								
87\03	49.63	49.62	0.00	0.0								
87\02	49.62	49.62	0.00	0.0								
87\01	61.31	61.31	0.00	0.0								

133\01	43.46	43.41	0.00	0.1								
134-01	836.36	836.20	0.00	0.0								
134\03	0.00	0.00	0.00	0.0								
134\02	93.20	93.19	0.00	0.0								
135\03	0.00	0.00	0.00	0.0								
135\02	72.25	72.25	0.00	-0.0								
135\01	72.25	72.25	0.00	-0.0								
136\01	8.16	8.16	0.00	-0.0								
137\02	1.10	0.84	0.00	23.7								
137\01	737.82	738.06	0.00	-0.0								
138\02	38.05	38.05	0.00	0.0								
138\01	721.51	721.53	0.00	-0.0								
139\04	1508.52	1508.52	0.00	-0.0								
139\03	487.28	487.24	0.00	0.0								
139\02	678.48	678.47	0.00	0.0								
139\01	678.47	678.50	0.00	-0.0								
140\01	1699.76	1699.75	0.00	0.0								
141\02	0.00	0.00	0.00	0.0								
141\01	91.44	91.44	0.00	-0.0								
145\01	358.85	358.90	0.00	-0.0								
144\01	511.22	511.30	0.00	-0.0								
142\05	1453.79	1453.80	0.00	-0.0								
142\04	144.02	143.99	0.00	0.0								
142\03	143.99	144.01	0.00	-0.0								
142\02	306.26	306.28	0.00	-0.0								
142\01	315.33	315.31	0.00	0.0								
143\01	1349.79	1349.79	0.00	0.0								
144\07	19.19	19.19	0.00	0.0								
144\06	46.88	46.88	0.00	-0.0								
144\05	82.84	82.83	0.00	0.0								
144\04	100.26	100.26	0.00	0.0								
144\03	152.33	152.32	0.00	0.0								
144\02	152.32	152.32	0.00	0.0								
145\04	1914.23	1914.22	0.00	0.0								
145\03	217.44	217.44	0.00	0.0								
145\02	267.41	267.41	0.00	-0.0								
146\01	0.00	0.00	0.00	0.0								
147\01	52.06	52.06	0.00	0.0								
148\02	17.43	17.43	0.00	-0.0								
148\01	17.43	17.43	0.00	0.0								
149\01	21.95	21.95	0.00	-0.0								
151\02	0.00	0.00	0.00	0.0								
151\01	196.78	196.77	0.00	0.0								
152\01	119.90	119.84	0.00	0.0								
179\01	846.04	845.75	0.00	0.0								
153\03	0.00	0.00	0.00	0.0								
153\02	210.78	210.78	0.00	0.0								
153\01	270.89	270.80	0.00	0.0								
154\03	178.57	178.58	0.00	-0.0								
154\02	196.66	196.60	0.00	0.0								
154\01	202.67	202.42	0.00	0.1								
155\02	0.00	0.00	0.00	0.0								
155\01	72.58	72.57	0.00	0.0								
156\02	92.76	92.67	0.00	0.1								
156\01	346.13	346.14	0.00	-0.0								
157\01	253.47	253.47	0.00	0.0								
158\01	4.74	4.74	0.00	0.0								
159\01	285.35	285.35	0.00	0.0								
160\02	504.90	504.90	0.00	0.0								
160\01	2018.19	2018.22	0.00	-0.0								
161\01	1439.11	1439.11	0.00	0.0								
162\01	1343.41	1343.41	0.00	0.0								
163\01	1258.31	1258.31	0.00	0.0								
164\01	1180.02	1180.02	0.00	0.0								
165\01	0.00	0.00	0.00	0.0								
166\01	1598.47	1598.44	0.00	0.0								
167\01	0.00	0.00	0.00	0.0								
168\01	120.12	120.97	0.00	-0.7								
169\01	23.16	23.16	0.00	0.0								
170\03	475.72	475.72	0.00	0.0								
171\01	0.66	0.61	0.00	8.5								
172\01	35.85	35.89	0.00	-0.1								
173\01	2.54	2.53	0.00	0.2								
174\01	31.99	31.97	0.00	0.0								
175\01	9.71	9.67	0.00	0.4								
176\01	50.08	49.99	0.00	0.2								
177\01	26.14	26.01	0.00	0.5								
178\01	0.00	0.00	0.00	0.0								
179\02	714.08	714.07	0.00	0.0								
180\02	69.16	69.15	0.00	0.0								
180\01	232.19	232.16	0.00	0.0								
181\01	38.94	38.93	0.00	0.0								
182\09	10.15	10.15	0.00	0.0								
182\08	17.32	17.32	0.00	-0.0								
183\02	0.00	0.00	0.00	0.0								
184\01	174.05	174.05	0.00	0.0								
185\01	60.22	60.22	0.00	-0.0								
186\02	1.21	1.21	0.00	0.0								
186\01	1.21	0.39	0.00	67.5								
187\02	632.73	632.73	0.00	-0.0								
187\01	632.73	632.63	0.00	0.0								
188\01	24.38	24.38	0.00	0.0								
189\01	0.00	0.00	0.00	0.0								

190\01	0.00	0.00	0.00	0.0								
191\01	0.00	0.00	0.00	0.0								
192\01	6.73	6.70	0.00	0.4								
197\02	291.56	291.56	0.00	0.0								
197\01	291.56	291.54	0.00	0.0								
193\01	0.00	0.00	0.00	0.0								
194\01	19.30	19.30	0.00	0.0								
195\01	0.00	0.00	0.00	0.0								
196\02	15.99	15.99	0.00	0.0								
196\01	15.99	15.99	0.00	-0.0								
197\05	841.34	841.34	0.00	0.0								
197\04	229.42	229.43	0.00	-0.0								
197\03	284.91	284.86	0.00	0.0								
198\02	4671.22	4671.22	0.00	0.0								
198\01	4571.36	4567.63	0.00	0.1								
199\01	204.83	204.83	0.00	0.0								
O 1\02	0.00	0.00	0.00	0.0								
O 9\02	1057.17	1057.17	0.00	0.0								
O 11\02	1480.07	1480.07	0.00	0.0								
O 46\02	7912.30	7912.30	0.00	0.0								
O 90\02	0.00	0.00	0.00	0.0								
O 91\02	138.53	138.53	0.00	0.0								
O 126\01	0.00	0.00	0.00	0.0								
O 133\02	0.38	0.38	0.00	0.0								
O 134\02	21.89	21.89	0.00	0.0								
O 137\02	16.02	16.02	0.00	0.0								
4-01	234.61	226.67	7.94	0.0								
3-09	2756.28	2755.37	0.00	0.0								
3-08	2755.37	2752.99	0.00	0.1								
3-07	2752.99	2752.99	0.00	-0.0								
3-06	9217.21	9240.35	0.00	-0.3								
3-05	18629.79	18651.48	0.00	-0.1								
3-04	18985.84	18989.62	0.00	-0.0								
3-03	19164.91	19165.05	0.00	-0.0								
3-02	19214.38	19214.55	0.00	-0.0								
3-01	20626.49	20628.79	0.00	-0.0								
A-02	20628.79	20628.70	0.00	0.0								
A-01	20628.70	20628.70	0.00	0.0								
22-02	9069.13	9069.13	0.00	0.0								
22-01	9389.44	9389.44	0.00	0.0								
23-02	6422.15	6422.15	0.00	0.0								
24-02	18.75	18.75	0.00	0.0								
24A-02	6.07	6.05	0.00	0.2								
24A-01	24.36	24.36	0.00	0.0								
27-02	238.80	238.80	0.00	0.0								
27-01	269.68	269.26	0.00	0.2								
21-01	2495.33	2495.17	0.00	0.0								
30-02	345.57	345.57	0.00	0.0								
30-01	409.20	409.19	0.00	0.0								
21-03	1988.67	1988.67	0.00	-0.0								
21-02	2012.17	2012.01	0.00	0.0								
31-02	380.42	380.42	0.00	0.0								
31-01	736.76	736.71	0.00	0.0								
29-01	1448.21	1449.88	0.00	-0.1								
33-01	147.58	147.58	0.00	0.0								
32-01	386.47	386.47	0.00	-0.0								
119-02	0.00	0.00	0.00	0.0								
119-01	0.00	0.00	0.00	0.0								
120-01	568.59	568.59	0.00	0.0								
121-01	712.07	712.14	0.00	-0.0								
120A-01	0.00	0.00	0.00	0.0								
119A-01	218.54	218.47	0.00	0.0								
121-06	137.65	137.65	0.00	0.0								
121-05	178.90	178.90	0.00	0.0								
121-04	178.90	179.02	0.00	-0.1								
121-03	179.02	179.03	0.00	-0.0								
121-02	179.03	179.01	0.00	0.0								
122-02	52.72	52.72	0.00	0.0								
122-01	49.33	49.33	0.00	0.0								
122A-01	0.00	0.00	0.00	0.0								
123-02	175.13	175.13	0.00	0.0								
123-01	175.13	175.28	0.00	-0.1								
124-01	351.97	351.97	0.00	0.0								
124A-02	525.74	525.72	0.00	0.0								
124A-01	334.06	334.35	0.00	-0.1								
125-02	432.38	432.38	0.00	-0.0								
125-01	432.38	432.28	0.00	0.0								
127-01	25.59	25.47	0.00	0.5								
132-02	268.03	268.03	0.00	0.0								
132-01	268.03	267.54	0.00	0.2								
N5971	191.66	191.66	0.00	0.0								
3-11	26.68	26.68	0.00	0.0								
3-10	34.51	34.50	0.00	0.0								
29-02	547.18	547.18	0.00	0.0								
32-03	197.55	197.54	0.00	0.0								
32-02	403.69	403.69	0.00	0.0								
21-04	239.68	239.68	0.00	0.0								
28-01	218.72	218.72	0.00	0.0								
111A\01	162.91	162.91	0.00	0.0								
N1000	0.00	0.00	0.00	0.0								
Dummy 1	928.17	928.17	0.00	0.0								
Dummy 3	825.04	825.04	0.00	0.0								
Dummy 2	1058.55	1058.55	0.00	0.0								

N1012	0.00	0.00	0.00	0.0								
N1013	0.00	0.00	0.00	0.0								
200\04	0.00	0.00	0.00	0.0								
200\03	321.30	321.30	0.00	-0.0								
200\02	438.29	438.28	0.00	0.0								
200\01	432.12	432.12	0.00	0.0								
201\01	127.79	127.75	0.00	0.0								
202\02	54.38	54.38	0.00	-0.0								
202\01	111.84	111.84	0.00	0.0								
204\02	241.23	241.20	0.00	0.0								
204\01	209.37	209.45	0.00	-0.0								
205\04	274.32	274.27	0.00	0.0								
205\03	274.27	274.41	0.00	-0.0								
205\02	294.30	294.32	0.00	-0.0								
205\01	293.29	293.29	0.00	0.0								
206\03	5528.57	5528.55	0.00	0.0								
206\02	5528.56	5528.49	0.00	0.0								
206\01	5778.33	5778.28	0.00	0.0								
208\02	13642.00	13650.09	0.00	-0.1								
208\01	13135.96	13135.96	0.00	0.0								
207\02	17.43	17.43	0.00	0.0								
207\01	42.36	42.35	0.00	0.0								
208\04	5206.04	5206.04	0.00	0.0								
208\03	7813.29	7821.30	0.00	-0.1								
209\17	14.01	14.01	0.00	0.0								
209\16	34.52	34.51	0.00	0.0								
209\15	126.81	126.75	0.00	0.0								
209\14	230.91	230.85	0.00	0.0								
209\13	362.72	362.52	0.00	0.1								
209\12	435.71	435.56	0.00	0.0								
209\11	875.20	874.84	0.00	0.0								
209\10	1342.18	1342.87	0.00	-0.1								
209\09	1395.29	1395.83	0.00	-0.0								
209\08	1446.75	1446.77	0.00	-0.0								
209\07	1517.84	1517.84	0.00	-0.0								
209\06	1611.83	1611.88	0.00	-0.0								
209\05	1654.35	1656.50	0.00	-0.1								
209\04	2299.99	2299.93	0.00	0.0								
209\03	2582.68	2582.63	0.00	0.0								
209\02	2591.34	2591.34	0.00	-0.0								
209\01	2600.26	2600.27	0.00	-0.0								
210\05	48.07	48.06	0.00	0.0								
210\04	143.84	143.84	0.00	-0.0								
210\03	138.56	138.56	0.00	-0.0								
210\02	138.56	138.56	0.00	0.0								
210\01	138.56	138.56	0.00	0.0								
211\03	121.99	121.93	0.00	0.1								
211\02	301.17	301.12	0.00	0.0								
211\01	301.12	301.12	0.00	0.0								
212\01	42.47	42.46	0.00	0.0								
213\07	21.95	21.95	0.00	0.0								
213\06	78.64	78.61	0.00	0.0								
213\05	107.18	107.05	0.00	0.1								
213\04	174.22	174.06	0.00	0.1								
213\03	242.34	242.16	0.00	0.1								
213\02	450.74	450.60	0.00	0.0								
213\01	465.93	465.91	0.00	0.0								
214\02	52.50	52.50	0.00	0.0								
214\01	51.94	52.06	0.00	-0.2								
215\01	259.21	259.12	0.00	0.0								
216\01	36.87	36.87	0.00	0.0								
217\01	98.70	98.70	0.00	0.0								
218\01	74.15	74.14	0.00	0.0								
219\01	58.46	58.45	0.00	0.0								
220\02	43.02	43.01	0.00	0.0								
220\01	43.01	42.93	0.00	0.2								
221\01	46.88	46.85	0.00	0.1								
O 200\02	6.16	6.16	0.00	0.0								
O 201\01	10.76	10.76	0.00	0.0								
O 205\03	40.66	40.66	0.00	0.0								
O 205\02	1.03	1.03	0.00	0.0								
O 208\02	514.16	514.16	0.00	0.0								
O 210\05	0.96	0.96	0.00	0.0								
N1085	83.94	83.94	0.00	0.0								
N1086	83.94	83.94	0.00	0.0								
N1092	51.07	51.07	0.00	0.0								
N1094	51.07	51.07	0.00	0.0								
N1095	44.56	44.56	0.00	0.0								
N1096	103.24	103.24	0.00	0.0								
N1097	103.24	103.24	0.00	0.0								
N1099	103.46	103.46	0.00	0.0								
N1100	103.46	103.46	0.00	0.0								
N1101	41.14	41.14	0.00	0.0								
N1102	41.14	41.14	0.00	0.0								
N1103	8.82	8.82	0.00	0.0								
N1104	8.82	8.82	0.00	0.0								
N1105	10.15	10.15	0.00	0.0								
N1106	10.15	10.15	0.00	0.0								
N1107	59.12	59.12	0.00	0.0								
N1108	59.12	59.12	0.00	0.0								
N1109	229.42	229.42	0.00	0.0								
N1110	229.42	229.42	0.00	0.0								
N1111	44.56	44.56	0.00	0.0								

N1498	12139.90	12139.90	0.00	0.0								
46\10 weir	0.00	0.00	0.00	0.0								
Dummy DQ 1	342.26	342.26	0.00	0.0								
Dummy DQ 2	350.54	350.54	0.00	0.0								
Pit1483	11684.34	11684.33	0.00	0.0								
N1622	7633.98	7633.98	0.00	0.0								
N1703	12139.91	12139.90	0.00	0.0								
N1704	0.00	0.00	0.00	0.0								
N1705	0.00	0.00	0.00	0.0								
N1706	0.00	0.00	0.00	0.0								
N1707	0.00	0.00	0.00	0.0								
N1708	386.87	386.87	0.00	0.0								
N1709	0.00	0.00	0.00	0.0								
N1710	0.00	0.00	0.00	0.0								
N1711	0.00	0.00	0.00	0.0								
N1712	0.00	0.00	0.00	0.0								
N1713	0.00	0.00	0.00	0.0								
N1714	4.45	4.45	0.00	0.0								
N1715	0.00	0.00	0.00	0.0								
N1716	0.00	0.00	0.00	0.0								
N1717	4.45	4.45	0.00	0.0								
N1718	8591.22	8591.22	0.00	0.0								
N1719	12526.76	12526.77	0.00	-0.0								
N1720	21118.00	21117.98	0.00	0.0								
N1721	4.45	4.45	0.00	0.0								
N1722	21122.43	21122.43	0.00	0.0								
N1723	0.00	0.00	0.00	0.0								
N1724	0.00	0.00	0.00	0.0								
N1725	1588.62	1588.62	0.00	0.0								
N1726	0.00	0.00	0.00	0.0								
N1727	90.61	90.61	0.00	0.0								
N1728	3.12	3.12	0.00	0.0								
N1729	122.51	122.51	0.00	0.0								
Pit1563	70.81	70.81	0.00	0.0								
N1780	3214.36	3214.36	0.00	0.0								
Run Log for AA004399 run at 09:30:44 on 27/2/2013												
Upwelling occurred at more than 20 pits.												
Freeboard was inadequate at more than 20 pits.												
The maximum flow exceeded the safe value in the following overflow routes: OF1278, OF1272, OF1231, OF1207, OF1178, OF1177, OF1176, OF1175, OF1174, OF1142, OF1135, OF112												
The following overflow routes carried water uphill (adding energy): OF1057, F 202\01, F 206\03, F 206\02, F 208\03, F 209\10, F 209\04, F 209\03, F 209\02, F 209\01, F 210\04, F 211\02,												
These results may be invalid. You should check for water flowing round in circles at these locations. You may need to reformulate the model.												



DRAINS File Path:	F:\AA004399\ID-Calcs\A-Civil\A-Stormwater\A-DRAINS
DRAINS Version:	DRAINS Version 2012.12 - 10 October 2012
Modeller's Name:	Chris McClelland
Description:	Existing Conditions

DRAINS results prepared 28 February, 2013 from Version 2012.14								RESULTS 100 YR ARI CC		
PIT / NODE DETAILS				Version 8						
Name	Max HGL	Max Pond	Max Surface	Max Pond	Min	Overflow	Constraint			
	HGL		Flow Arriving	Volume	Freeboard	(cu.m/s)				
			(cu.m/s)	(cu.m)	(m)					
1\24	3.93		10.823		0.34	0.000	None			
1\23	3.91		0.000		0.51	0.000	None			
1\22	3.89		0.000		0.54	0.000	None			
1\21	3.72		0.000		0.37	0.000	None			
1\20	3.69		0.000		0.30	0.000	None			
1\19	3.60		1.944		0.10	1.944	Inlet Capacity			
1\18	3.33		1.944		0.12	1.944	Inlet Capacity			
1\17	3.30		1.944		0.08	1.944	Inlet Capacity			
1\16	3.16		2.201		0.00	3.455	Outlet System			
1\15	3.05		3.455		0.19	3.455	Inlet Capacity			
1\14	3.00		3.455		0.22	3.455	Inlet Capacity			
1\13	2.97		15.757		0.25	15.757	Inlet Capacity			
1\12	2.70		0.000		0.40	0.000	None			
1\11	2.67		0.000		0.65	0.000	None			
1\10	2.54		0.000		1.44	0.000	None			
1\09	2.48		0.000		1.16	0.000	None			
1\08	2.44		0.000		0.31	0.000	None			
1\07	2.40		0.000		1.65	0.000	None			
1\06	2.18		0.000		3.05	0.000	None			
1\05	2.13		0.000		0.54	0.000	None			
1\04	2.01		0.000		1.58	0.000	None			
1\03	2.00		0.000		1.21	0.000	None			
1\02	1.84		0.000		0.67	0.000	None			
1\01	1.80		0.000							
5\03	2.23		0.127		1.04	0.127	Inlet Capacity			
5\02	2.23		0.567		0.00	0.494	Outlet System			
5\01	2.11		0.568		0.00	1.160	Outlet System			
46\17	2.48		23.707		7.52	23.707	Inlet Capacity			
46\16	2.46		23.707		7.54	23.707	Inlet Capacity			
46\15	2.44		27.168		0.25	27.168	Inlet Capacity			
46\14	2.41		27.298		0.18	27.298	Inlet Capacity			
46\13	2.40		27.298		0.13	27.298	Inlet Capacity			
46\12	2.36		27.298		3.33	27.298	Inlet Capacity			
46\11	2.36		27.298		3.10	27.298	Inlet Capacity			
46\10	2.34		0.000		0.32	0.000	None			
46\09	2.15		27.359		1.61	27.359	Inlet Capacity			
46\08	2.14		27.359		1.44	27.359	Inlet Capacity			
46\07	2.13		27.451		0.57	27.451	Inlet Capacity			
46\06	2.12		27.581		1.02	27.581	Inlet Capacity			
46\05	2.10		27.984		1.74	27.984	Inlet Capacity			
46\04A	2.03		0.000		1.82	0.000	None			
46\04	1.93		27.984		0.87	27.984	Inlet Capacity			
46\03	1.90		27.984		0.99	27.984	Inlet Capacity			
46\02	1.84		27.984		0.96	27.984	Inlet Capacity			
46\01	1.80		0.000							
6\02	2.11		0.000		0.01	0.000	None			
6\01	2.08		0.000		0.00	0.075	Outlet System			
7\03	2.76		0.000		2.09	0.000	None			
7\02	2.76		0.045		2.35	0.016	Inlet Capacity			
7\01	2.75		0.016		2.32	0.016	Inlet Capacity			
8\04	2.74		0.016		2.13	0.016	Inlet Capacity			
8\03	2.71		0.016		2.35	0.016	Inlet Capacity			
8\02	2.61		0.016		1.13	0.016	Inlet Capacity			
8\01	2.40		0.016		1.36	0.016	Inlet Capacity			
9\16	2.34		15.388		1.79	15.388	Inlet Capacity			
9\15	2.30		15.388		3.48	15.388	Inlet Capacity			
9\14	2.23		15.388		7.77	15.388	Inlet Capacity			
9\13	2.22		15.388		3.49	15.388	Inlet Capacity			
9\12	2.21		15.388		3.28	15.388	Inlet Capacity			
9\11	2.18		15.415		1.68	15.415	Inlet Capacity			
9\10	2.14		15.415		0.59	15.415	Inlet Capacity			
9\09	2.14		15.419		0.32	15.419	Inlet Capacity			
9\08	2.13		15.421		0.33	15.421	Inlet Capacity			
9\07	2.11		15.421		0.35	15.421	Inlet Capacity			
9\06	2.03		15.472		1.33	15.472	Inlet Capacity			
9\05	1.92		15.472		1.13	15.472	Inlet Capacity			
9\04	1.90		15.500		1.46	15.500	Inlet Capacity			
9\03	1.87		15.500		1.43	15.500	Inlet Capacity			
9\02	1.84		15.500		0.63	15.500	Inlet Capacity			
9\01	1.80		0.000							
8\06	2.79		3.379		2.17	0.000	None			
8\05	2.77		0.000		2.04	0.000	None			
9\25	2.38		15.757		0.68	15.757	Inlet Capacity			
9\24	2.38		15.864		0.97	15.603	Inlet Capacity			
9\23	2.38		15.612		0.96	15.612	Inlet Capacity			
9\22	2.37		15.627		1.12	15.627	Inlet Capacity			
9\21	2.36		15.582		1.26	15.582	Inlet Capacity			

9\20	2.36		15.582		1.14	15.582	Inlet Capacity						
9\19	2.36		15.649		0.89	15.649	Inlet Capacity						
9\18	2.35		15.711		1.17	15.386	Inlet Capacity						
9\17	2.34		15.386		1.52	15.386	Inlet Capacity						
10\04	2.36		0.000		0.00	0.134	Outlet System						
10\03	2.64		0.134		0.71	0.069	Inlet Capacity						
10\02	2.64		0.182		0.56	0.182	Inlet Capacity						
10\01	2.71		0.207		0.42	0.207	Inlet Capacity						
11\43	4.04		57.575		0.23	23.835	Inlet Capacity						
11\42	3.97	3.97	0.000	5.0	-0.10	11.465	Outlet System						
11\41	3.91	3.92	0.000	3.3	-0.14	0.000	Outlet System						
11\40	3.83	3.71	0.000	0.0	-0.12	0.000	Outlet System						
11\39	3.76	3.84	0.000	2.1	-0.21	0.000	Outlet System						
11\38	3.45	3.54	0.000	0.0	0.09	0.000	None						
11\37	3.41	3.58	0.000	0.0	0.17	0.000	None						
11\36	3.37	3.61	0.000	0.0	0.25	0.000	None						
11\35	3.27	3.64	0.000	0.0	0.37	0.000	None						
11\34	3.17	3.67	0.000	0.0	0.50	0.000	None						
11\33	3.15	3.74	0.000	0.0	0.60	0.000	None						
11\32	3.10	3.77	0.000	0.0	0.67	0.000	None						
11\31	3.00		0.006		0.61	0.006	Inlet Capacity						
11\30	2.95		0.006		0.57	0.006	Inlet Capacity						
11\29	2.91		0.007		0.38	0.007	Inlet Capacity						
11\28	2.89		0.008		0.31	0.008	Inlet Capacity						
11\27	2.85		0.024		0.33	0.024	Inlet Capacity						
11\26	2.77		0.024		0.07	0.024	Inlet Capacity						
11\25	2.75		0.024		0.00	0.024	Inlet Capacity						
11\24	2.70		1.408		0.02	1.408	Inlet Capacity						
11\23	2.66		1.668		0.00	6.297	Outlet System						
11\22	2.62		6.796		0.01	6.796	Inlet Capacity						
11\21	2.57		6.796		0.22	6.796	Inlet Capacity						
11\20	2.50		6.796		0.33	6.796	Inlet Capacity						
11\19	2.49		6.864		0.42	6.864	Inlet Capacity						
11\18	2.46		7.251		0.48	7.251	Inlet Capacity						
11\17	2.42		7.251		0.87	7.251	Inlet Capacity						
11\16	2.41		7.251		1.31	7.251	Inlet Capacity						
11\15	2.28		7.251		7.72	7.251	Inlet Capacity						
11\14	2.23		7.251		7.77	7.251	Inlet Capacity						
11\13	2.23		7.251		7.77	7.251	Inlet Capacity						
11\12	2.22		7.533		7.78	7.208	Inlet Capacity						
11\11	2.19		7.424		0.10	7.424	Inlet Capacity						
11\10	2.08		7.424		0.25	7.424	Inlet Capacity						
11\09	2.07		7.446		2.88	7.446	Inlet Capacity						
11\08	1.98		7.369		1.63	7.369	Inlet Capacity						
11\07	1.97		7.369		0.76	7.369	Inlet Capacity						
11\06	1.95		7.313		0.67	7.313	Inlet Capacity						
11\05	1.90		7.285		1.28	7.285	Inlet Capacity						
11\04	1.90		7.285		1.18	7.285	Inlet Capacity						
11\03A	1.84		0.000		0.87		None						
11\03	1.82		7.401		0.89	7.401	Inlet Capacity						
11\02	1.82		7.401		0.71	7.401	Inlet Capacity						
11\01	1.80		0.000										
12\01	3.15		0.154		0.00	0.103	Outlet System						
19\26	3.13		0.630		0.00	0.707	Outlet System						
19\25	3.04		0.707		0.10	0.707	Inlet Capacity						
19\24	3.01		0.885		0.13	0.885	Inlet Capacity						
19\23	2.81		0.891		0.16	0.891	Inlet Capacity						
19\22	2.75		1.567		0.08	1.567	Inlet Capacity						
19\21	2.53		1.574		0.17	1.574	Inlet Capacity						
19\20	2.37		1.574		0.31	1.574	Inlet Capacity						
19\19	2.35		1.574		0.19	1.574	Inlet Capacity						
19\18	2.35		1.760		0.11	1.760	Inlet Capacity						
19\17	2.34		2.060		0.00	2.807	Outlet System						
19\16	2.34		2.875		0.00	2.875	Inlet Capacity						
19\15	2.35		2.876		0.00	2.876	Inlet Capacity						
19\14	2.35		3.033		0.02	3.033	Inlet Capacity						
19\13	2.35		4.017		0.26	4.017	Inlet Capacity						
19\12	2.34		4.017		0.27	4.017	Inlet Capacity						
19\11	2.34		4.017		0.22	4.017	Inlet Capacity						
19\10	2.34	2.49	4.017	5.0	0.05	4.017	Inlet Capacity						
19\09	2.34		4.021		0.17	4.021	Inlet Capacity						
19\08	2.33		0.000		0.11		None						
19\07	2.33		0.000		0.44		None						
19\06	2.32		3.927		0.08	3.927	Inlet Capacity						
19\05	2.32		0.000		0.09		None						
19\04	2.31		0.000		0.00		Outlet System						
19\03	2.36		0.000		0.17		None						
19\02	2.38		3.656		0.12	3.656	Inlet Capacity						
19\01	2.41		3.656		0.02	3.656	Inlet Capacity						
13\02	2.74		0.024		0.29	0.006	Inlet Capacity						
13\01	2.74		0.151		0.15	0.000	None						
14\02	2.63		0.023		0.73	0.006	Inlet Capacity						
14\01	2.60		0.069		0.00	0.114	Outlet System						
15\04	2.48		0.000		2.44	0.000	None						
15\03	2.46		0.196		0.90	0.112	Inlet Capacity						
15\02	2.36		0.112		1.28	0.112	Inlet Capacity						
15\01	2.36		0.112		1.17	0.112	Inlet Capacity						
16\03	4.40		2.010		0.00	0.473	Outlet System						
16\02	3.54	3.73	0.000	0.0	0.19	0.000	None						
16\01	3.36	3.62	0.000	0.0	0.26	0.000	None						
17\02	2.98		0.355		0.00	0.237	Outlet System						
17\01	2.68		0.959		0.00	1.048	Outlet System						
18\02	2.30		0.078		0.00	0.057	Outlet System						

18\01	2.28		0.063		0.00	0.097	Outlet System				
70\01	2.28		0.180		0.00	0.330	Outlet System				
19\28	5.25		0.801		0.00	0.384	Outlet System				
19\27	4.80		0.384		0.00	0.527	Outlet System				
35\04	4.81		0.029		0.22	0.010	Inlet Capacity				
35\03	3.54		0.056		1.72	0.056	Inlet Capacity				
35\02	3.53		0.056		1.31	0.056	Inlet Capacity				
35\01	3.53		0.056		0.83	0.056	Inlet Capacity				
38\14	3.53		0.254		0.74	0.254	Inlet Capacity				
38\13	3.46		0.254		0.63	0.254	Inlet Capacity				
38\12	3.42		0.254		0.55	0.254	Inlet Capacity				
38\11	3.30		0.254		6.70	0.254	Inlet Capacity				
38\10	3.08		0.807		0.78	0.575	Inlet Capacity				
38\09	2.99		0.575		1.09	0.575	Inlet Capacity				
38\08	2.87		0.575		1.31	0.575	Inlet Capacity				
38\07	2.84		0.575		1.47	0.575	Inlet Capacity				
38\06	2.81		0.575		2.08	0.575	Inlet Capacity				
38\05	2.72		0.575		2.09	0.575	Inlet Capacity				
38\04	2.66		0.575		1.68	0.575	Inlet Capacity				
38\03	2.57		0.575		1.56	0.575	Inlet Capacity				
38\02	2.51		0.575		1.24	0.575	Inlet Capacity				
38\01	2.21		0.575		1.66	0.575	Inlet Capacity				
36\03	2.15		0.192		1.72	0.109	Inlet Capacity				
36\02	2.13		0.109		2.55	0.109	Inlet Capacity				
36\01	2.12		0.577		2.54	0.577	Inlet Capacity				
38\17	4.97		7.188		1.55	0.000	None				
38\16	4.18		0.000		1.28	0.000	None				
38\15	3.61		0.198		0.83	0.198	Inlet Capacity				
39\05	4.54		0.037		1.02	0.012	Inlet Capacity				
39\04	4.31		0.012		1.23	0.002	Inlet Capacity				
39\03	2.37		0.002		1.41	0.002	Inlet Capacity				
39\02	2.34	2.39	0.002	0.7	0.02	0.000	Inlet Capacity				
39\01	2.35	2.39	0.000	0.0	0.04	0.000	None				
40\03	2.38	2.46	0.053	5.0	-0.02	0.010	Outlet System				
40\02	2.35	2.38	0.005	1.7	-0.06	0.000	Outlet System				
40\01	2.35	2.44	0.017	2.6	-0.11	0.000	Outlet System				
41\02	2.35	2.49	0.051	3.9	0.06	0.000	Inlet Capacity				
41\01	2.34	2.41	0.094	5.0	-0.03	0.029	Outlet System				
42\02	2.36	2.47	0.123	4.6	-0.08	0.000	Outlet System				
42\01	2.35	2.39	0.005	1.7	-0.10	0.000	Outlet System				
43\03	2.66		0.426		0.00	0.409	Outlet System				
43\02	2.62		0.504		0.00	0.548	Outlet System				
43\01	2.64		0.580		0.00	0.523	Outlet System				
44\02	2.70		1.385		1.12	1.385	Inlet Capacity				
44\01	2.70		1.385		0.11	1.385	Inlet Capacity				
45\05	6.70		2.544		1.88	0.000	None				
45\04	3.52		0.000		2.72	0.000	None				
45\03	3.24		0.000		3.01	0.000	None				
45\02	2.74		0.014		0.73	0.014	Inlet Capacity				
45\01	2.58		0.014		1.09	0.014	Inlet Capacity				
46\27	3.51		36.195		0.00	22.685	Outlet System				
46\26	3.11		22.685		0.61	22.685	Inlet Capacity				
46\25	3.09		22.689		0.54	22.689	Inlet Capacity				
46\24	2.87		22.689		0.38	22.689	Inlet Capacity				
46\23	2.82		22.689		0.39	22.689	Inlet Capacity				
46\22	2.75		22.697		0.07	22.697	Inlet Capacity				
46\21	2.70		22.697		0.07	22.697	Inlet Capacity				
46\20	2.68		22.697		0.00	22.697	Outlet System				
46\19	2.66		22.697		0.08	22.697	Inlet Capacity				
46\18	2.53	3.27	22.880	5.0	0.54	22.880	Inlet Capacity				
47\02	3.51		18.284		0.13	0.000	None				
47\01	3.01		0.461		0.00	12.468	Outlet System				
48\09	9.69		0.735		0.00	0.571	Outlet System				
48\08	8.78		0.571		0.03	0.571	Inlet Capacity				
48\07	4.33		0.571		1.01	0.571	Inlet Capacity				
48\06	4.30		0.571		0.87	0.571	Inlet Capacity				
48\05	4.26		0.571		0.88	0.571	Inlet Capacity				
48\04	4.19		0.571		0.42	0.571	Inlet Capacity				
48\03	4.03	4.03	0.571	5.0	-0.20	0.621	Outlet System				
48\02	3.98	3.99	0.000	5.0	-0.30	0.007	Outlet System				
48\01	3.95	3.83	0.000	2.2	-0.30	0.000	Outlet System				
49\01	4.29		0.004		1.35	0.000	None				
50\04	4.17		0.035		0.95	0.014	Inlet Capacity				
50\03	4.03		0.056		1.18	0.019	Inlet Capacity				
50\02	3.79		0.019		0.63	0.019	Inlet Capacity				
50\01	3.71		0.019		0.64	0.019	Inlet Capacity				
51\01	2.91		1.094		0.00	0.731	Outlet System				
52\05	2.74		0.044		0.53	0.016	Inlet Capacity				
52\04	2.72		0.063		0.48	0.026	Inlet Capacity				
52\03	2.67		0.040		0.38	0.017	Inlet Capacity				
52\02	2.63		0.033		0.00	0.069	Outlet System				
52\01	2.62		0.069		0.00	0.268	Outlet System				
53\01	3.51	3.64	0.000	0.0	0.13	0.000	None				
170\02	3.51	3.74	0.000	0.0	0.23	0.000	None				
170\01	3.46	3.71	0.000	0.0	0.25	0.000	None				
54\04	3.81	3.81	0.052	3.3	-0.23	0.000	Outlet System				
54\03	3.51	3.55	0.000	0.0	0.04	0.000	None				
54\02	3.50	3.56	0.000	0.0	0.07	0.000	None				
54\01	3.48	3.66	0.000	0.0	0.18	0.000	None				
55\03	4.03	4.03	0.473	5.0	-0.40	0.399	Outlet System				
55\02	3.82	3.89	0.000	0.0	0.07	0.000	None				
55\01	3.70	3.87	0.000	0.0	0.17	0.000	None				
56\07	2.55		0.016		0.94	0.007	Inlet Capacity				

56006	2.55		0.016		0.91	0.008	Inlet Capacity						
56005	2.54		0.015		3.01	0.015	Inlet Capacity						
56004	2.54		0.025		3.05	0.014	Inlet Capacity						
56003	2.52		0.028		3.10	0.017	Inlet Capacity						
56002	2.50		0.017		1.10	0.017	Inlet Capacity						
56001	2.34		0.017		0.11	0.017	Inlet Capacity						
57004	5.07		0.029		0.40	0.000	None						
57003	3.70		0.008		0.76	0.008	Inlet Capacity						
57002	3.69		0.042		0.71	0.000	None						
57001	2.57		0.000		1.05	0.000	None						
58003	2.37		0.035		0.20	0.021	Inlet Capacity						
58002	2.36		0.021		0.20	0.021	Inlet Capacity						
58001	2.35		15.419		0.12	15.419	Inlet Capacity						
59002	3.87	3.95	0.000	3.6	-0.25	0.000	Outlet System						
59001	3.86	3.80	0.009	1.5	-0.24	0.000	Outlet System						
60001	2.91		0.285		0.00	0.345	Outlet System						
61001	2.94		0.377		0.00	0.461	Outlet System						
61002	3.01		0.072		0.06	0.031	Inlet Capacity						
62003	2.67		0.081		1.75	0.036	Inlet Capacity						
62002	2.64		0.107		1.03	0.052	Inlet Capacity						
62001	2.42		0.052		1.19	0.052	Inlet Capacity						
63003	2.86		0.050		0.61	0.019	Inlet Capacity						
63002	2.80		0.041		0.50	0.014	Inlet Capacity						
63001	2.77		0.014		0.64	0.014	Inlet Capacity						
64003	2.39		0.000		0.86	0.000	None						
64002	2.39		0.010		0.97	0.001	Inlet Capacity						
64001	2.39		0.010		0.96	0.001	Inlet Capacity						
65002	3.01		0.173		0.00	0.270	Outlet System						
65001	3.11		0.270		0.10	0.270	Inlet Capacity						
66002	2.11		0.109		0.00	0.208	Outlet System						
66001	2.33		0.208		0.10	0.208	Inlet Capacity						
67002	4.30		0.000		0.87	0.000	None						
67001	4.30		0.000		0.89	0.000	None						
68002	2.35		0.006		0.04	0.000	Inlet Capacity						
68001	2.35		0.016		0.04	0.003	Inlet Capacity						
69002	2.23		0.024		0.00	0.014	Outlet System						
69001	2.23		0.037		0.00	0.170	Outlet System						
70003	2.33		0.143		0.00	0.128	Outlet System						
70002	2.30		0.135		0.00	0.083	Outlet System						
71003	3.33		0.916		0.00	0.575	Outlet System						
71002	3.06		0.575		0.00	0.806	Outlet System						
71001	2.92		0.806		0.00	0.643	Outlet System						
72002	2.88		0.038		0.22	0.013	Inlet Capacity						
72001	2.85		0.024		0.24	0.006	Inlet Capacity						
73004	3.92	3.92	0.000	4.7	-0.29	0.000	Outlet System						
73003	3.95	3.92	0.000	3.4	-0.19	0.000	Outlet System						
73002	3.96	3.91	0.000	2.7	-0.18	0.000	Outlet System						
73001	3.96	3.93	0.000	2.2	-0.09	0.000	Outlet System						
74002	3.95	3.96	0.088	5.0	-0.69	0.017	Outlet System						
74001	3.84	3.59	0.003	1.4	-0.51	0.000	Outlet System						
75002	3.24		0.003		0.35	0.000	None						
75001	3.24		0.066		0.42	0.028	Inlet Capacity						
76002	3.11		0.032		0.29	0.010	Inlet Capacity						
76001	3.08		0.020		0.48	0.006	Inlet Capacity						
77001	3.08		0.004		0.59	0.000	None						
78008	3.43		0.120		0.00	0.112	Outlet System						
78007	3.38		0.112		0.00	0.106	Outlet System						
78006	3.27		0.173		0.00	0.176	Outlet System						
78005	3.22		0.183		0.00	0.189	Outlet System						
78004	3.21		0.189		0.00	0.188	Outlet System						
78003	3.19		0.188		0.00	0.189	Outlet System						
78002	3.18		0.195		0.00	0.191	Outlet System						
78001	3.15		0.207		0.00	0.179	Outlet System						
79003	2.39	2.39	0.137	5.0	-0.20	0.089	Outlet System						
79002	2.29	2.29	0.037	5.0	-0.10	0.045	Outlet System						
79001	2.28	2.51	0.145	5.0	-0.07	0.145	Outlet System						
80001	2.30		0.156		0.00	0.126	Outlet System						
81006	2.66		0.079		0.00	0.051	Outlet System						
81005	2.64		0.333		0.00	0.430	Outlet System						
81004	2.70		0.430		0.00	0.293	Outlet System						
81003	2.64		0.351		0.00	0.454	Outlet System						
81002	2.65		0.638		0.03	0.638	Inlet Capacity						
81001	2.56		0.662		0.01	0.597	Inlet Capacity						
82001	2.79		0.048		0.00	0.038	Outlet System						
182001	2.79		0.123		0.00	0.184	Outlet System						
83003	2.62		0.029		0.00	0.073	Outlet System						
83002	2.66		0.073		0.29	0.073	Inlet Capacity						
83001	2.68		0.131		0.10	0.051	Inlet Capacity						
84001	3.31		0.028		0.54	0.017	Inlet Capacity						
182003	3.31		0.041		0.56	0.041	Inlet Capacity						
182002	3.10		0.084		0.12	0.084	Inlet Capacity						
85001	3.10		0.029		0.09	0.018	Inlet Capacity						
86003	3.11		0.014		0.11	0.006	Inlet Capacity						
86002	3.11		0.029		0.07	0.018	Inlet Capacity						
86001	3.11		0.040		0.09	0.025	Inlet Capacity						
87005	3.46		0.035		1.11	0.021	Inlet Capacity						
87004	3.33		0.025		1.37	0.015	Inlet Capacity						
87003	3.32		0.015		0.65	0.015	Inlet Capacity						
87002	3.31		0.015		0.56	0.015	Inlet Capacity						
87001	3.31		0.024		0.55	0.013	Inlet Capacity						
89001	5.64		0.036		0.94	0.023	Inlet Capacity						
182007	4.67		0.028		1.09	0.017	Inlet Capacity						
182006	3.46		0.021		1.79	0.011	Inlet Capacity						

182\05	3.42		0.018		1.44	0.009	Inlet Capacity						
182\04	3.38		0.021		1.27	0.011	Inlet Capacity						
90\02	3.93		0.000		0.75	0.000	None						
90\01	3.45		0.000										
91\06	3.84		0.090		0.83	0.067	Inlet Capacity						
91\05	3.49		0.067		1.11	0.067	Inlet Capacity						
91\04	3.22		0.124		1.35	0.124	Inlet Capacity						
91\03	2.90		0.124		1.80	0.124	Inlet Capacity						
91\02	2.68		0.124		1.95	0.124	Inlet Capacity						
91\01	2.42		0.000		1.45		None						
93\06	2.75		0.004		0.41	0.001	Inlet Capacity						
93\05	2.75		0.013		0.18	0.005	Inlet Capacity						
93\04	2.74		0.037		0.19	0.037	Inlet Capacity						
93\03	2.69		0.144		0.24	0.144	Inlet Capacity						
93\02	2.42		0.585		0.00	0.570	Outlet System						
93\01	2.23		0.570		0.36	0.570	Inlet Capacity						
94\02	2.57		0.019		0.05	0.010	Inlet Capacity						
94\01	2.57		0.024		0.05	0.003	Inlet Capacity						
95\03	2.56		0.007		0.08	0.002	Inlet Capacity						
95\02	2.56		0.005		0.03	0.001	Inlet Capacity						
95\01	2.56		0.012		0.00	0.037	Outlet System						
96\10	3.28		0.000		1.19	0.000	None						
96\09	3.27		0.000		2.44	0.000	None						
96\08	3.19		0.000		1.73	0.000	None						
96\07	2.98		0.000		1.89	0.000	None						
96\06	2.59		0.000		2.80	0.000	None						
96\05	2.45		0.053		2.87	0.036	Inlet Capacity						
96\04	2.10		0.036		1.03	0.036	Inlet Capacity						
96\03	2.10		0.150		0.37	0.120	Inlet Capacity						
96\02	2.08		0.226		0.37	0.226	Inlet Capacity						
96\01	2.03		0.226		0.43	0.226	Inlet Capacity						
98\01	2.09		0.134		0.35	0.106	Inlet Capacity						
99\01	2.92		0.010		0.96	0.004	Inlet Capacity						
102\06	2.75		0.109		0.47	0.109	Inlet Capacity						
102\05	2.40		0.276		0.00	0.293	Outlet System						
102\04	2.27		0.294		0.18	0.294	Inlet Capacity						
102\03	2.22		0.294		0.27	0.294	Inlet Capacity						
102\02	2.18		0.315		0.24	0.315	Inlet Capacity						
102\01	2.11		0.380		0.99	0.380	Inlet Capacity						
100\01	4.64		0.000		1.08	0.000	None						
102\14	4.91		0.000		0.81	0.000	None						
102\13	4.91		0.050		0.80	0.034	Inlet Capacity						
102\12	4.91		0.052		0.79	0.036	Inlet Capacity						
102\11	4.88		0.086		0.82	0.064	Inlet Capacity						
102\10	4.82		0.152		0.88	0.122	Inlet Capacity						
102\09	4.68		0.122		1.01	0.095	Inlet Capacity						
102\08	4.49		0.095		1.20	0.095	Inlet Capacity						
102\07	3.09		0.118		0.32	0.092	Inlet Capacity						
103\04	5.69		0.000		0.09	0.000	None						
103\03	5.69		0.058		0.00	0.054	Outlet System						
103\02	5.65		0.054		0.02	0.037	Inlet Capacity						
103\01	4.55		0.037		1.12	0.023	Inlet Capacity						
104\01	2.75		0.023		0.19	0.013	Inlet Capacity						
105\01	2.31		0.029		0.00	0.097	Outlet System						
106\02	2.27		0.004		0.18	0.001	Inlet Capacity						
106\01	2.27		0.001		0.23	0.001	Inlet Capacity						
107\02	2.08		0.000		0.41	0.000	None						
107\01	2.08		0.142		0.41	0.044	Inlet Capacity						
108\01	2.18		0.012		0.25	0.005	Inlet Capacity						
109\02	2.18		0.029		0.19	0.018	Inlet Capacity						
109\01	2.18		0.018		0.22	0.018	Inlet Capacity						
110\05	3.19		0.000		0.00	0.000	Outlet System						
110\04	3.19		0.000		0.07	0.000	None						
110\03	3.19		0.001		0.20	0.000	None						
110\02	3.19		0.093		0.23	0.069	Inlet Capacity						
110\01	2.72		0.088		0.38	0.066	Inlet Capacity						
111\03	2.18		0.055		0.71	0.038	Inlet Capacity						
111\02	2.13		0.038		0.71	0.038	Inlet Capacity						
111\01	2.13		0.166		0.66	0.166	Inlet Capacity						
112\01	2.13		0.000		0.71	0.000	None						
113\02	2.13		0.000		0.58	0.000	None						
113\01	2.13		0.000		0.63	0.000	None						
126\10	2.20		0.017		0.38	0.009	Inlet Capacity						
126\09	2.19		0.009		0.38	0.009	Inlet Capacity						
126\08	2.19		0.017		0.37	0.008	Inlet Capacity						
126\07	2.19		0.008		0.37	0.008	Inlet Capacity						
126\06	2.19		0.016		0.38	0.008	Inlet Capacity						
126\05	2.18		0.008		0.38	0.008	Inlet Capacity						
126\04	2.17		0.015		0.39	0.007	Inlet Capacity						
126\03	2.16		0.007		0.40	0.007	Inlet Capacity						
126\02	2.15		0.018		0.44	0.009	Inlet Capacity						
126\01	2.14		0.012		0.47	0.000	Inlet Capacity						
129\01	2.24		0.335		0.00	0.312	Outlet System						
130\03	3.90		2.498		1.72	0.000	None						
130\02	3.78		0.005		1.83	0.005	Inlet Capacity						
130\01	3.17		0.005		2.47	0.005	Inlet Capacity						
131\03	2.90		0.000		2.82	0.000	None						
131\02	2.80		0.000		2.77	0.000	None						
131\01	2.70		0.000		2.97	0.000	None						
133\02	2.43		0.030		0.14	0.018	Inlet Capacity						
133\01	2.43		0.022		0.14	0.002	Inlet Capacity						
134-01	2.41		0.000		0.13		None						
134\03	2.45		0.000		0.24	0.000	None						

134\02	2.45		0.050		0.26	0.034	Inlet Capacity						
135\03	3.89		0.000		1.48	0.000	None						
135\02	3.89		0.056		1.47	0.039	Inlet Capacity						
135\01	2.46		0.039		3.09	0.039	Inlet Capacity						
136\01	2.45		0.006		0.27	0.002	Inlet Capacity						
137\02	2.54		0.001		0.07	0.000	None						
137\01	2.54		0.287		0.00	0.182	Outlet System						
138\02	2.55		0.030		0.05	0.018	Inlet Capacity						
138\01	2.55		0.248		0.00	0.276	Outlet System						
139\04	2.62		7.313		0.00	7.269	Outlet System						
139\03	2.58		0.180		0.00	0.200	Outlet System						
139\02	2.58		0.200		0.00	0.229	Outlet System						
139\01	2.56		0.229		0.02	0.229	Inlet Capacity						
140\01	2.64		7.370		0.00	7.313	Outlet System						
141\02	2.45		0.000		0.26	0.000	None						
141\01	2.45		0.071		0.22	0.051	Inlet Capacity						
145\01	2.44		0.076		0.67	0.076	Inlet Capacity						
144\01	2.28		0.138		0.41	0.138	Inlet Capacity						
142\05	2.61		7.328		0.00	7.285	Outlet System						
142\04	2.53		0.000		0.00	0.008	Outlet System						
142\03	2.51		0.008		0.00	0.180	Outlet System						
142\02	2.56		0.292		0.00	0.208	Outlet System						
142\01	2.58		0.215		0.00	0.171	Outlet System						
143\01	2.53		7.269		0.10	7.269	Inlet Capacity						
144\07	4.13		0.015		1.42	0.007	Inlet Capacity						
144\06	3.99		0.028		1.47	0.017	Inlet Capacity						
144\05	3.81		0.045		1.69	0.030	Inlet Capacity						
144\04	2.64		0.036		3.16	0.036	Inlet Capacity						
144\03	2.35		0.062		3.14	0.062	Inlet Capacity						
144\02	2.31		0.062		0.67	0.062	Inlet Capacity						
145\04	4.48		7.451		1.06	7.369	Inlet Capacity						
145\03	3.66		0.000		1.83	0.000	None						
145\02	2.67		0.039		1.14	0.025	Inlet Capacity						
146\01	2.67		0.000		2.71	0.000	None						
147\01	4.05		0.041		1.39	0.026	Inlet Capacity						
148\02	2.77		0.014		2.92	0.006	Inlet Capacity						
148\01	2.65		0.006		2.87	0.006	Inlet Capacity						
149\01	3.71		0.017		1.92	0.008	Inlet Capacity						
151\02	2.61		0.000		0.15	0.000	None						
151\01	2.61		0.153		0.27	0.082	Inlet Capacity						
152\01	2.83		0.093		0.00	0.062	Outlet System						
179\01	2.79		0.369		0.00	0.439	Outlet System						
153\03	2.68		0.000		0.13	0.000	None						
153\02	2.68		0.164		0.09	0.090	Inlet Capacity						
153\01	2.58	2.75	0.136	2.0	0.06	0.000	Inlet Capacity						
154\03	2.96		0.139		0.00	0.190	Outlet System						
154\02	3.02		0.204		0.00	0.075	Outlet System						
154\01	2.87		0.079		0.01	0.035	Inlet Capacity						
155\02	2.54		0.000		0.59	0.000	None						
155\01	2.54		0.056		0.29	0.010	Inlet Capacity						
156\02	2.46		0.072		0.00	0.097	Outlet System						
156\01	2.56		0.196		0.00	0.217	Outlet System						
157\01	2.79		0.197		0.00	0.099	Outlet System						
158\01	2.30		0.004		0.00	0.330	Outlet System						
159\01	2.56		0.222		0.21	0.000	None						
160\02	2.84		0.420		7.16	0.000	None						
160\01	2.50		3.949		0.00	4.008	Outlet System						
161\01	2.34		4.008		0.16	3.927	Inlet Capacity						
162\01	2.34		3.927		0.13	3.845	Inlet Capacity						
163\01	2.33		3.845		0.02	3.763	Inlet Capacity						
164\01	2.55		3.763		0.00	3.656	Outlet System						
165\01	2.34		0.000		0.37	0.000	None						
166\01	2.35		4.023		0.12	3.941	Inlet Capacity						
167\01	8.78		0.000		0.49	0.000	None						
168\01	4.04	4.04	0.093	5.0	-0.40	0.038	Outlet System						
169\01	3.92	3.92	0.018	5.0	-0.10	0.024	Outlet System						
170\03	3.56		0.370		0.65	0.000	None						
171\01	3.15	3.83	0.001	0.1	0.67	0.000	Inlet Capacity						
172\01	3.82	3.81	0.028	2.1	-0.30	0.000	Outlet System						
173\01	3.70	3.76	0.002	0.2	0.04	0.000	Inlet Capacity						
174\01	3.00		0.025		0.27	0.001	Inlet Capacity						
175\01	2.90		0.008		0.30	0.001	Inlet Capacity						
176\01	2.87		0.039		0.35	0.016	Inlet Capacity						
177\01	2.89		0.020		0.36	0.005	Inlet Capacity						
178\01	2.75		0.000		0.03	0.000	None						
179\02	3.28		0.556		0.00	0.298	Outlet System						
180\02	2.47		0.054		0.00	0.047	Outlet System						
180\01	2.43		0.180		0.00	0.215	Outlet System						
181\01	2.41		0.030		0.10	0.005	Inlet Capacity						
182\09	5.49		0.008		1.32	0.000	None						
182\08	4.84		0.006		1.07	0.000	None						
183\02	2.10		0.000		0.37	0.000	None						
184\01	2.82		0.135		0.10	0.107	Inlet Capacity						
185\01	2.78		0.047		0.14	0.031	Inlet Capacity						
186\02	2.13		0.001		2.46	0.000	None						
186\01	2.13		0.000		2.58	0.000	None						
187\02	2.19		0.526		1.18	0.468	Inlet Capacity						
187\01	2.16		0.468		1.24	0.468	Inlet Capacity						
188\01	2.40		0.019		0.20	0.000	None						
189\01	2.53		0.000		1.99	0.000	None						
190\01	2.39		0.000		2.01	0.000	None						
191\01	2.80		0.000		1.73	0.000	None						
192\01	3.09		0.005		0.95	0.000	Inlet Capacity						

197\02	3.08		0.025		0.21	0.025	Inlet Capacity						
197\01	2.93		0.025		0.29	0.025	Inlet Capacity						
193\01	4.00		0.000		1.37	0.000	None						
194\01	4.52		0.015		1.05	0.007	Inlet Capacity						
195\01	3.17		0.000		2.45	0.000	None						
196\02	3.79		0.012		6.21	0.005	Inlet Capacity						
196\01	3.79		0.005		1.92	0.005	Inlet Capacity						
197\05	3.64		15.644		0.00	15.582	Outlet System						
197\04	3.60		0.055		0.69	0.021	Inlet Capacity						
197\03	3.26		0.064		0.45	0.025	Inlet Capacity						
198\02	4.83		3.522		0.00	1.284	Outlet System						
198\01	3.79		0.000		0.00	0.692	Outlet System						
199\01	2.13		0.159		0.54	0.128	Inlet Capacity						
4-01	2.68	2.86	1.933	170.0	-0.01	1.813	Outlet System						
3-09	2.56		0.000		0.15		None						
3-08	2.56		0.000		0.18		None						
3-07	2.55		0.000		0.38		None						
3-06	2.55		0.000		0.47		None						
3-05	2.30		0.000		0.34		None						
3-04	2.14		0.000		0.53		None						
3-03	2.10		0.000		0.62		None						
3-02	2.03		0.000		0.87		None						
3-01	1.97		0.000		1.22		None						
A-02	1.92		0.000		1.43		None						
A-01	1.80		0.000										
22-02	2.67		5.590		1.33	0.000	None						
22-01	2.34		0.000		0.21		None						
23-02	2.71		4.333		0.97	0.000	None						
24-02	2.55	2.94	0.015	1.5	0.34	0.000	Inlet Capacity						
24A-02	2.55		0.005		0.38	0.000	None						
24A-01	2.55		0.014		0.34	0.002	Inlet Capacity						
27-02	3.19	3.64	0.186	3.8	0.26	0.000	Inlet Capacity						
27-01	2.60		0.024		0.30	0.006	Inlet Capacity						
21-01	2.56		0.000		0.45		None						
30-02	2.89	3.31	0.269	4.0	0.22	0.076	Inlet Capacity						
30-01	2.58		0.129		0.20	0.066	Inlet Capacity						
21-03	2.55		0.000		0.33		None						
21-02	2.55		0.000		0.53		None						
31-02	2.87	3.63	1.577	5.0	0.56	1.385	Inlet Capacity						
31-01	2.56	2.77	0.623	5.0	0.01	0.493	Inlet Capacity						
29-01	2.50		0.000		0.00	1.303	Outlet System						
33-01	2.60		0.115		0.33	0.057	Inlet Capacity						
32-01	2.57		0.000		0.45		None						
119-02	2.68		0.000		0.16		None						
119-01	2.68		0.000		0.29		None						
120-01	2.68		0.442		0.40	0.210	Inlet Capacity						
121-01	2.45		0.000		0.53		None						
120A-01	2.50		0.000		0.56	0.000	None						
119A-01	2.50		0.253		0.31	0.153	Inlet Capacity						
121-06	3.09		0.107		0.00	0.185	Outlet System						
121-05	3.24	3.24	0.214	4.0	-0.20	0.025	Outlet System						
121-04	3.04		0.000		0.01		None						
121-03	2.87		0.000		0.27		None						
121-02	2.82		0.000		0.28		None						
122-02	2.24		0.041		0.69	0.008	Inlet Capacity						
122-01	2.05		0.000		0.86		None						
122A-01	2.87		0.000		0.30	0.000	None						
123-02	2.63	2.84	0.142	2.7	0.05	0.000	Inlet Capacity						
123-01	2.31		0.000		0.35		None						
124-01	2.49	2.67	0.274	4.0	-0.02	0.143	Outlet System						
124A-02	2.98	2.98	2.385	5.0	-0.40	2.299	Outlet System						
124A-01	2.18		0.000		0.43		None						
125-02	2.55		0.336		0.90	0.000	None						
125-01	2.51		0.000		0.68		None						
127-01	2.56		0.020		0.47	0.004	Inlet Capacity						
132-02	1.97		0.209		1.13	0.000	None						
132-01	1.97		0.000		1.08		None						
3-11	2.57	2.64	0.023	1.1	0.00	0.000	Outlet System						
3-10	2.56		0.006		0.21	0.001	Inlet Capacity						
29-02	2.62	2.84	0.512	5.0	-0.01	0.350	Outlet System						
32-03	2.75		0.154		0.50	0.083	Inlet Capacity						
32-02	2.64		0.243		0.34	0.146	Inlet Capacity						
21-04	2.56		0.187		0.22	0.105	Inlet Capacity						
28-01	2.93	3.27	0.170	5.0	0.14	0.040	Inlet Capacity						
111A\01	2.49		0.127		0.22		None						
Dummy 1	2.18		0.722		7.82	0.000	None						
Dummy 3	2.14		0.642		7.86	0.000	None						
Dummy 2	2.30		0.824		7.70	0.000	None						
200\04	2.11		0.000		0.56	0.000	None						
200\03	2.11		0.016		0.57	0.016	Inlet Capacity						
200\02	2.06		0.016		0.48	0.016	Inlet Capacity						
200\01	1.80		0.000										
201\01	2.25		0.131		0.10	0.032	Inlet Capacity						
202\02	2.40		0.042		0.26	0.026	Inlet Capacity						
202\01	2.17		0.070		0.41	0.016	Inlet Capacity						
204\02	2.36		0.188		0.51	0.056	Inlet Capacity						
204\01	2.21		0.000		0.33	0.000	None						
205\04	4.59		0.213		1.21	0.068	Inlet Capacity						
205\03	2.09		0.068		0.47	0.068	Inlet Capacity						
205\02	1.97		0.047		0.30	0.004	Inlet Capacity						
205\01	1.80		0.000										
206\03	1.95		4.169		0.00	4.181	Outlet System						
206\02	2.04		4.181		0.22	3.577	Inlet Capacity						

20601	1.97		3.758		1.23	3.154	Inlet Capacity						
20802	1.90		4.125		0.90	4.125	Inlet Capacity						
20801	1.80		0.000										
20702	2.34		0.014		0.83	0.000	None						
20701	1.91		0.019		0.61	0.000	None						
20804	2.11		3.925		0.32	0.000	None						
20803	1.96		1.621		0.83	1.013	Inlet Capacity						
20917	4.67		0.011		0.42	0.000	None						
20916	4.65		0.016		0.04	0.000	None						
20915	4.62		0.027		0.00	0.038	Outlet System						
20914	4.51		0.063		0.00	0.093	Outlet System						
20913	4.32		0.123		0.00	0.077	Outlet System						
20912	4.13		0.105		0.00	0.147	Outlet System						
20911	3.99		0.328		0.00	0.439	Outlet System						
20910	3.76		0.615		0.16	0.302	Inlet Capacity						
20909	3.52		0.305		0.42	0.116	Inlet Capacity						
20908	3.38		0.155		0.56	0.042	Inlet Capacity						
20907	3.29		0.068		0.29	0.009	Inlet Capacity						
20906	2.95		0.082		0.00	0.160	Outlet System						
20905	1.98		0.161		0.66	0.045	Inlet Capacity						
20904	1.52		0.756		0.00	3.317	Outlet System						
20903	1.85		3.423		0.12	2.819	Inlet Capacity						
20902	1.96		2.823		0.38	2.219	Inlet Capacity						
20901	1.97		2.223		0.49	1.619	Inlet Capacity						
21005	2.34		0.050		0.56	0.005	Inlet Capacity						
21004	2.31		0.075		0.27	0.027	Inlet Capacity						
21003	2.17		0.010		0.54	0.000	None						
21002	2.06		0.000		0.74	0.000	None						
21001	1.95		0.000		0.11	0.000	None						
21103	1.34		0.095		0.00	0.044	Outlet System						
21102	1.28		0.184		0.00	0.356	Outlet System						
21101	1.41		0.356		0.00	0.448	Outlet System						
21201	2.49		0.033		0.85	0.002	Inlet Capacity						
21307	3.80		0.017		0.36	0.000	None						
21306	3.79		0.044		0.55	0.004	Inlet Capacity						
21305	3.75		0.026		0.05	0.000	Inlet Capacity						
21304	3.69		0.053		0.00	0.171	Outlet System						
21303	3.69		0.224		0.00	0.303	Outlet System						
21302	3.85		0.465		0.00	0.400	Outlet System						
21301	3.87		0.411		0.35	0.175	Inlet Capacity						
21402	5.52		0.041		0.41	0.003	Inlet Capacity						
21401	4.35		0.000		1.13	0.000	None						
21501	4.27		0.202		0.00	0.079	Outlet System						
21601	4.35		0.039		0.15	0.003	Inlet Capacity						
21701	4.41		0.083		0.40	0.014	Inlet Capacity						
21801	4.65		0.061		0.38	0.008	Inlet Capacity						
21901	4.71		0.045		0.40	0.004	Inlet Capacity						
22002	3.32		0.033		0.68	0.002	Inlet Capacity						
22001	3.30		0.002		0.29	0.002	Inlet Capacity						
22101	3.53		0.036		0.64	0.002	Inlet Capacity						
4610 weir	2.15		0.000		0.52		None						
Dummy DQ 1	2.95		0.266		0.89	0.000	None						
Dummy DQ 2	2.95		0.273		0.89	0.000	None						
Pit1483	15.29		7.987		0.00	5.976	Outlet System						
N1622	13.66		0.000										
Pit1563	2.12		0.055		0.95	0.000	None						
SUB-CATCHMENT DETAILS													
Name	Max	Paved	Grassed	Paved	Grassed	Supp.	Due to Storm						
	Flow Q	Max Q	Max Q	Tc	Tc								
	(cu.m/s)	(cu.m/s)	(cu.m/s)	(min)	(min)	(min)							
C 1/24	10.823	10.823	0.000	10.70	10.70	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1						
C 5/03	0.127	0.127	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 5/02	0.128	0.128	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 46/05	0.690	0.690	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 7/02	0.045	0.045	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 8/06	3.379	3.059	0.320	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1						
C 9/24	0.137	0.137	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 9/18	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 11/43	52.533	52.533	0.000	20.10	20.10	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1						
C 11/12	0.365	0.365	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 11/09	0.040	0.040	0.035	1.00	1.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1						
C 12/01	0.154	0.154	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 19/22	0.075	0.075	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 13/02	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 13/01	0.145	0.145	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 14/02	0.023	0.023	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 14/01	0.064	0.064	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 15/03	0.196	0.160	0.036	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 16/03	2.010	2.010	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1						
C 17/02	0.355	0.355	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 18/02	0.078	0.078	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 18/01	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 19/28	0.801	0.801	0.000	4.00	4.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 35/04	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 35/03	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 38/10	0.553	0.553	0.000	4.00	4.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 36/03	0.192	0.192	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 38/17	5.196	5.196	0.000	9.50	9.50	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1						
C 38/15	0.179	0.179	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 39/05	0.037	0.037	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 40/03	0.053	0.053	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						
C 40/02	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1						

C 4001	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4102	0.051	0.051	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4101	0.094	0.094	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4202	0.123	0.123	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4201	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4303	0.426	0.426	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4302	0.095	0.095	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4301	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4402	1.385	1.385	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 4505	2.544	2.544	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 4627	0.194	0.194	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4618	0.247	0.247	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4702	18.284	18.284	0.000	14.40	14.40	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
C 4809	0.735	0.735	0.000	4.00	4.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4901	0.004	0.000	0.004	1.00	1.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 5004	0.035	0.000	0.035	1.00	1.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 5003	0.042	0.000	0.042	1.00	1.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 5101	1.094	1.094	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 5205	0.044	0.044	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5204	0.047	0.047	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5203	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5202	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5404	0.052	0.052	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5607	0.016	0.016	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5606	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5604	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5603	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5704	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5702	0.034	0.034	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5803	0.035	0.035	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5902	0.000	0.000	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 5901	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6001	0.285	0.285	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6102	0.072	0.072	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6203	0.081	0.081	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6202	0.071	0.051	0.020	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6303	0.050	0.050	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6302	0.022	0.022	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6402	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6401	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6502	0.173	0.173	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6602	0.109	0.109	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6802	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6801	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6902	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 6901	0.023	0.023	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7003	0.143	0.075	0.068	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7002	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7103	0.916	0.916	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 7202	0.038	0.038	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7201	0.011	0.011	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7402	0.088	0.088	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7401	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7502	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7501	0.066	0.066	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7602	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7601	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7701	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7808	0.120	0.120	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7806	0.068	0.068	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7805	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7802	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7801	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7903	0.137	0.124	0.012	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7902	0.037	0.037	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 7901	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8001	0.156	0.156	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8106	0.079	0.079	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8105	0.282	0.282	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8103	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8201	0.048	0.048	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8303	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8301	0.058	0.058	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8401	0.028	0.028	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8501	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8603	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8602	0.023	0.023	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8601	0.022	0.022	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8705	0.035	0.035	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8704	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8701	0.009	0.009	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 8901	0.036	0.036	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 18207	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 18206	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 18205	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 18204	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9106	0.090	0.090	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9104	0.056	0.056	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9306	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9305	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9302	0.446	0.000	0.446	4.00	4.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 9402	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9401	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1

C 9503	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9502	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9501	0.011	0.011	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9605	0.053	0.053	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 9603	0.116	0.012	0.103	3.00	3.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 9801	0.134	0.014	0.120	3.00	3.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 9901	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10205	0.070	0.070	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10213	0.050	0.050	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10212	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10211	0.050	0.050	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10210	0.088	0.088	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10303	0.058	0.058	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10401	0.023	0.023	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10501	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10602	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10701	0.142	0.142	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10801	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 10902	0.029	0.029	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 11003	0.001	0.001	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 11002	0.093	0.093	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 11001	0.019	0.019	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 11103	0.055	0.055	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12610	0.017	0.017	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12608	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12606	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12604	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12602	0.011	0.011	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12601	0.003	0.003	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 12901	0.335	0.335	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 13003	2.498	2.498	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 13302	0.030	0.030	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 13301	0.004	0.004	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 13402	0.010	0.010	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 13502	0.056	0.056	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 13601	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 137-02	0.001	0.001	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 13701	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 3

C 196f02	0.012	0.012	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 197f05	0.054	0.054	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 197f04	0.055	0.055	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 197f03	0.043	0.043	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 198f02	3.522	3.522	0.000	5.00	5.00	0.00	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
C 199f01	0.159	0.159	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 4-01	0.085	0.085	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 22-02 Indire	5.590	5.088	0.502	12.20	12.20	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
C 23-02 Indire	4.333	3.938	0.394	9.40	9.40	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
C 24-02	0.015	0.015	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 24A-02	0.005	0.005	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 24A-01	0.014	0.014	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 27-02	0.186	0.186	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 27-01	0.024	0.024	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 30-02	0.269	0.269	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 30-01	0.048	0.048	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 31-02	0.296	0.296	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 31-01	0.150	0.150	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 33-01	0.115	0.115	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 120-01	0.442	0.442	0.000	4.00	4.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 119A-01	0.043	0.043	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 121-06	0.107	0.107	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 121-05	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 122-02	0.041	0.041	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 123-02	0.134	0.134	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 124-01	0.274	0.274	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 124A-02	0.314	0.314	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
Roof	0.336	0.336	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 127-01	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
Cat10889	0.209	0.209	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 3-11	0.020	0.020	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 3-10	0.006	0.006	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 29-02	0.261	0.261	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 32-03	0.154	0.154	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 32-02	0.160	0.160	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 21-04	0.187	0.187	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 28-01	0.170	0.170	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C 111Af01	0.127	0.127	0.000	3.00	3.00	0.00	AR

C Harb 5	0.081	0.081	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C Harb 6	0.032	0.032	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C Harb 7	0.007	0.007	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C Harb 8	0.008	0.008	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C Harb 9	0.046	0.046	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C Harb 10	0.179	0.179	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C Harb 4	0.035	0.035	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C DQ 1	0.266	0.266	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
C DQ 2	0.273	0.273	0.000	3.00	3.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
Cat468	7.987	5.166	2.884	9.30	11.40	0.00	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
C DQ 3	0.055	0.055	0.000	1.00	1.00	0.00	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
Outflow Volumes for Total Catchment (227 impervious + 8.35 pervious = 236 total ha)							
Storm	Total Rainfall cu.m	Total Runoff cu.m (Runoff %)	Impervious Runoff cu.m (Runoff %)	Pervious Runoff cu.m (Runoff %)			
AR&R 100 year	60702.18	57631.05 (94.78%)	56278.84 (96.00%)	1352.21 (2.22%)			
AR&R 100 year	95866.23	92624.86 (96.63%)	90197.84 (97.15%)	2427.02 (2.54%)			
AR&R 100 year	123172.39	119784.82 (97.25%)	116535.80 (97.83%)	3249.03 (2.65%)			
AR&R 100 year	146942.50	143429.95 (97.55%)	139465.98 (97.58%)	3963.96 (2.67%)			
AR&R 100 year	166980.11	163336.95 (97.82%)	158792.84 (97.82%)	4544.11 (2.71%)			
AR&R 100 year	183874.56	180121.04 (97.92%)	175088.58 (97.92%)	5032.47 (2.73%)			
AR&R 100 year	226309.17	222284.87 (98.27%)	216019.75 (98.27%)	6265.12 (2.76%)			
AR&R 100 year	256952.94	252715.09 (98.36%)	245577.81 (98.36%)	7137.28 (2.78%)			
AR&R 100 year	301623.06	297043.96 (98.48%)	288664.81 (98.48%)	8379.15 (2.78%)			
AR&R 100 year	335215.53	330359.55 (98.55%)	321076.28 (98.55%)	9283.27 (2.78%)			
AR&R 100 year	384722.22	379322.89 (98.57%)	368795.38 (98.57%)	10527.51 (2.73%)			
AR&R 100 year	438110.69	431901.30 (98.56%)	420160.69 (98.56%)	11740.62 (2.70%)			
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), 10 minutes storm, average 244 mm/h, Zone 1		
P 1/15	10.897	2.88	3.053	3.002	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1/14	10.897	2.88	3.002	2.973	AR&R 100 year (+15%CC), 10 minutes storm, average 244 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 1/10	16.901	2.35	2.535	2.479	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/09	16.901	2.35	2.479	2.445	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/08	16.901	2.35	2.445	2.405	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/07	16.901	2.35	2.405	2.182	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/06	16.901	2.35	2.182	2.135	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/05	16.901	2.35	2.135	2.011	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/04	16.901	2.35	2.011	1.996	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/03	16.901	2.35	1.996	1.844	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1/02	16.901	2.35	1.844	1.800	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 5/03	0.000	0.00	2.234	2.230	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 5/02	0.141	1.27	2.148	2.105	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 5/01	0.141	0.50	2.110	2.483	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 46/17	13.276	1.65	2.470	2.460	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/16	13.276	1.62	2.460	2.445	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/15	11.381	1.39	2.421	2.414	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/14	11.290	1.40	2.406	2.396	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/13	11.290	1.40	2.396	2.362	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/12	11.290	1.38	2.362	2.356	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/11	11.290	1.38	2.356	2.342	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/10	11.290	1.68	2.168	2.149	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/09	11.290	0.88	2.146	2.143	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/08	11.442	0.89	2.139	2.125	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/07	11.500	0.89	2.122	2.117	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 46/06	11.547	0.90	2.106	2.102	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 46/05	18.287	1.42	2.051	2.030	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46/04A	18.777	1.46	2.019	1.932	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 46/04	19.395	1.51	1.920	1.899	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 46/03	20.188	1.57	1.887	1.842	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 46/02	20.883	1.62	1.829	1.800	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 6/02	0.000	0.00	2.109	2.084	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 6/01	0.001	0.01	2.084	2.105	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 7/03	0.000	0.00	2.763	2.763	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 7/02	0.029	0.36	2.748	2.748	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 7/01	0.029	0.26	2.741	2.740	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8/04	3.407	1.89	2.722	2.714	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 8/03	3.407	3.79	2.714	2.607	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 8/02	3.407	3.79	2.607	2.403	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 8/01	3.407	3.79	2.403	2.343	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/16	6.940	1.29	2.317	2.303	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/15	6.940	1.29	2.303	2.229	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/14	6.940	1.29	2.229	2.219	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/13	6.940	1.29	2.219	2.212	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/12	6.940	1.23	2.212	2.179	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/11	7.110	1.26	2.171	2.142	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/10	7.110	1.26	2.142	2.135	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/09	7.110	1.27	2.135	2.128	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9/08	7.264	1.30	2.119	2.112	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		

P 907	9.769	1.74	2.065	2.030	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 906	9.939	1.77	1.982	1.916	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 905	9.939	1.77	1.916	1.901	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 904	10.109	1.80	1.884	1.870	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 903	10.109	1.80	1.870	1.838	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 902	10.109	1.80	1.838	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	2.791	2.774	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 805	3.379	1.88	2.756	2.740	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 925	0.000	0.00	2.380	2.380	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 924	0.283	0.05	2.380	2.380	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 923	2.877	0.54	2.376	2.372	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 922	2.971	0.55	2.370	2.362	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 921	2.971	0.55	2.362	2.361	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 920	2.971	0.55	2.361	2.358	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 919	3.054	0.57	2.356	2.354	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 918	3.548	0.66	2.352	2.345	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 917	3.548	0.66	2.345	2.343	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1004	0.000	0.00	2.360	2.641	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1003	0.018	0.12	2.641	2.644	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1002	0.047	0.29	2.644	2.711	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1001	0.224	2.02	2.398	2.354	AR&R 100 year (+15%CC), 5 minutes storm, average 309 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	23.764	3.14	3.932	3.906	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1141	23.742	3.14	3.860	3.833	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1140	23.726	3.14	3.787	3.760	AR&R 100 year (+15%CC), 15 minutes storm, average 209 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	23.725	2.30	3.422	3.407	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1137	23.725	2.30	3.382	3.367	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1136	23.725	2.30	3.288	3.273	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 1135	24.864	2.41	3.184	3.166	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1134	24.864	2.41	3.166	3.148	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1133	24.864	2.41	3.118	3.100	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1132	24.864	2.41	3.100	2.997	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 1131	24.903	2.41	2.967	2.949	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1130	24.903	2.41	2.949	2.913	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1129	24.926	2.42	2.913	2.895	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1128	24.933	2.42	2.865	2.847	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1127	24.955	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	24.955	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	24.955	2.42	2.723	2.704	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1124	24.955	2.42	2.675	2.656	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 1123	20.616	2.00	2.637	2.619	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1122	20.615	2.00	2.599	2.572	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1121	20.615	2.00	2.512	2.500	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1120	20.615	2.00	2.500	2.488	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1119	20.615	2.00	2.468	2.456	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1118	20.702	2.01	2.435	2.420	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1117	20.702	2.01	2.420	2.408	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1116	20.702	1.44	2.282	2.276	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1115	20.702	1.44	2.276	2.233	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1114	20.702	1.44	2.233	2.227	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1113	20.702	1.44	2.227	2.221	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 1112	20.989	1.46	2.221	2.193	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1111	21.059	1.46	2.084	2.078	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1110	21.059	1.46	2.078	2.067	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1109	21.059	1.46	2.067	1.977	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1108	21.059	1.46	1.977	1.970	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1107	21.059	1.46	1.970	1.953	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1106	21.059	1.46	1.953	1.904	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1105	21.059	1.46	1.904	1.896	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1104	21.114	1.47	1.896	1.843	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1103A	21.289	1.48	1.832	1.824	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1103	21.289	1.48	1.824	1.817	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1102	21.289	1.48	1.817	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1201	0.063	1.59	3.154	3.134	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 1926	0.310	2.65	3.069	3.039	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1925	0.310	2.65	3.039	3.010	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1924	0.355	3.03	2.923	2.813	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 1923	0.383	0.87	2.773	2.755	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1922	0.654	1.48	2.618	2.531	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1921	0.673	1.52	2.404	2.375	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1920	0.673	1.52	2.364	2.348	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1919	0.673	0.60	2.347	2.346	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1918	0.729	0.64	2.342	2.337	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1917	0.804	0.71	2.337	2.340	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 1916	0.807	0.71	2.340	2.345	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 1915	0.823	0.73	2.345	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1914	0.862	0.76	2.345	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1913	1.328	1.17	2.344	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1912	1.328	0.90	2.343	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1911	1.487	1.01	2.343	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1910	1.572	1.07	2.341	2.341	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1909	1.766	0.97	2.332	2.331	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1908	1.805	0.99	2.330	2.329	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1907	2.213	1.21	2.325	2.322	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1906	2.270	1.24	2.321	2.318	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1905	2.312	1.27	2.316	2.309	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1904	2.344	1.28	2.314	2.357	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1903	2.527	1.39	2.357	2.385	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1902	2.527	1.39	2.385	2.406	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1901	2.527	1.39	2.406	2.445	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1302	0.018	0.16	2.739	2.739	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 1301	0.168	1.52	2.739	2.711	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 14I02	0.017	0.24	2.627	2.596	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 14I01	0.057	0.80	2.597	2.644	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 15I04	0.000	0.00	2.480	2.456	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 15I03	0.084	1.81	2.440	2.362	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 15I02	0.084	0.39	2.362	2.360	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 15I01	0.084	0.39	2.360	2.358	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 16I03	1.662	3.76	4.401	3.542	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 16I02	1.662	3.76	3.480	3.356	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 16I01	1.662	3.76	3.356	3.273	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 17I02	0.145	3.15	2.982	2.678	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 17I01	0.482	2.23	2.370	2.345	AR&R 100 year (+15%CC), 1 hour storm, average 109 mm/h, Zone 1		
P 18I02	0.043	0.60	2.298	2.279	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 18I01	0.067	0.94	2.283	2.283	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 70I01	0.100	0.63	2.309	2.337	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19I28	0.418	3.57	5.246	4.804	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 19I27	0.275	2.35	4.665	3.134	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 35I04	0.019	1.15	4.602	4.495	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35I03	0.019	0.17	3.535	3.534	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35I02	0.019	0.09	3.533	3.533	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 35I01	0.019	0.09	3.533	3.533	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 38I14	7.250	3.22	3.480	3.458	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I13	7.250	3.97	3.458	3.421	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I12	7.250	3.97	3.342	3.302	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I11	7.250	3.22	3.250	3.083	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I10	7.436	3.30	3.028	2.992	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I09	7.436	3.30	2.936	2.874	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I08	7.436	3.30	2.874	2.841	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I07	7.436	2.92	2.841	2.811	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I06	7.436	2.92	2.811	2.725	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I05	7.436	2.92	2.725	2.662	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I04	7.436	2.92	2.662	2.571	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I03	7.436	2.92	2.571	2.509	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I02	7.436	3.89	2.509	2.214	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I01	7.456	3.31	2.157	2.102	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 36I03	0.083	0.29	2.137	2.127	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 36I02	0.084	0.19	2.125	2.124	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 36I01	0.142	0.22	2.119	2.117	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 38I17	7.188	7.99	4.970	4.177	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I16	7.191	4.88	4.056	3.607	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 38I15	7.235	3.22	3.555	3.533	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 39I05	0.025	1.48	4.398	4.311	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 39I04	0.035	3.42	4.136	2.367	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 39I03	0.035	1.60	2.355	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 39I02	0.286	0.25	2.342	2.346	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 39I01	0.286	0.16	2.346	2.341	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 40I03	0.061	0.55	2.349	2.347	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 40I02	0.283	0.45	2.347	2.347	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 40I01	0.173	0.19	2.345	2.345	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 41I02	0.049	0.17	2.343	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 41I01	0.371	0.41	2.343	2.343	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 42I02	0.121	0.19	2.350	2.350	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 42I01	0.155	0.24	2.345	2.345	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 43I03	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 43I02	0.073	1.03	2.620	2.639	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 43I01	0.147	2.08	2.622	2.619	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 44I02	0.000	0.00	2.704	2.704	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 44I01	0.000	0.00	2.704	2.704	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 45I05	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 45I04	2.544	4.00	3.517	3.237	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45I03	2.544	4.00	3.237	2.743	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45I02	2.600	4.09	2.658	2.578	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 45I01	2.600	4.09	2.578	2.380	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 46I27	13.839	2.29	3.212	3.110	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I26	13.839	2.29	3.110	3.086	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I25	13.839	2.33	3.060	2.875	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I24	13.839	2.33	2.848	2.825	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I23	13.839	2.29	2.825	2.752	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I22	13.839	2.29	2.726	2.700	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I21	13.839	2.29	2.700	2.677	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I20	13.839	1.83	2.677	2.657	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I19	13.839	1.83	2.657	2.533	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 46I18	13.817	1.71	2.518	2.483	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 47I02	18.284	3.78	3.515	3.005	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 47I01	11.693	2.41	3.004	2.973	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 48I09	0.184	3.99	9.685	8.781	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I08	0.184	3.99	8.451	4.334	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I07	0.184	1.15	4.306	4.299	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I06	0.184	1.15	4.271	4.259	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I05	0.184	1.15	4.231	4.190	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I04	0.184	1.15	4.163	4.028	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I03	0.184	1.15	3.988	3.985	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I02	0.184	1.15	3.951	3.948	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 48I01	0.275	1.73	3.929	3.906	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 49I01	0.004	2.90	4.216	4.177	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50I04	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 50I03	0.058	1.33	3.828	3.787	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50I02	0.058	0.82	3.722	3.714	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 50I01	0.058	0.82	3.638	3.607	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 51I01	0.438	3.96	2.914	2.678	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52I05	0.028	0.26	2.723	2.720	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52I04	0.065	0.59	2.679	2.666	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52I03	0.088	0.56	2.642	2.629	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 52I02	0.111	0.70	2.625	2.620	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 52I01	0.111	0.51	2.621	2.656	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 53I01	0.000	0.00	3.514	3.514	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 170I02	0.449	1.02	3.464	3.462	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 170I01	0.490	1.11	3.384	3.367	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54I04	0.052	1.31	3.567	3.513	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54I03	0.052	0.47	3.498	3.495	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54I02	0.052	0.47	3.483	3.483	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 54I01	0.052	0.47	3.464	3.462	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 55I03	0.083	1.16	3.830	3.821	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 55I02	0.083	1.18	3.714	3.703	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 55I01	0.085	1.20	3.537	3.514	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I07	0.008	0.13	2.546	2.546	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I06	0.017	0.15	2.544	2.542	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I05	0.025	0.22	2.537	2.536	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I04	0.035	0.32	2.527	2.524	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I03	0.047	0.42	2.511	2.504	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I02	0.126	1.14	2.403	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 56I01	0.158	1.43	2.147	2.128	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 57I04	0.029	3.00	4.868	3.698	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 57I03	0.037	0.35	3.686	3.686	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 57I02	0.079	3.91	3.410	2.568	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 57I01	0.079	1.58	2.504	2.504	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 58I03	0.013	0.19	2.365	2.364	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 58I02	0.032	0.29	2.349	2.346	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 58I01	0.032	0.29	2.346	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 59I02	0.182	0.93	3.854	3.856	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 59I01	0.063	0.89	3.838	3.833	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 60I01	0.108	0.68	2.910	2.938	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 61I01	0.149	0.94	2.938	3.005	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 61I02	0.041	0.58	2.947	2.938	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 62I03	0.045	0.40	2.640	2.635	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 62I02	0.099	0.90	2.458	2.425	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 62I01	0.099	0.90	2.381	2.372	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 63I03	0.031	0.51	2.811	2.802	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 63I02	0.058	0.52	2.777	2.774	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 63I01	0.058	0.52	2.744	2.743	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 64I03	0.000	0.00	2.388	2.388	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 64I02	0.009	0.08	2.387	2.387	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 64I01	0.017	0.16	2.382	2.380	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 65I02	0.077	0.48	3.035	3.107	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 65I01	0.077	0.48	3.107	3.161	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 66I02	0.087	0.79	2.108	2.330	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 66I01	0.087	0.79	2.330	2.414	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 67I02	0.000	0.00	4.299	4.299	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 67I01	0.000	0.00	4.299	4.299	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 68I02	0.029	0.63	2.346	2.346	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 68I01	0.132	0.83	2.345	2.345	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 69I02	0.018	0.36	2.230	2.226	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 69I01	0.039	0.25	2.241	2.345	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 70I03	0.031	0.78	2.309	2.299	AR&R 100 year (+15%CC), 4.5 hours storm, average 41.3 mm/h, Zone 1		
P 70I02	0.148	0.93	2.298	2.283	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 71I03	0.341	3.09	3.327	3.060	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 71I02	0.244	3.45	2.944	2.919	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 71I01	0.336	2.11	2.773	2.755	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 72I02	0.025	0.35	2.854	2.851	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 72I01	0.043	0.61	2.833	2.813	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 73I04	0.047	1.18	3.915	3.951	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 73I03	0.050	1.27	3.957	3.958	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 73I02	0.050	1.27	3.958	3.961	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 73I01	0.074	1.85	3.961	3.975	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 74I02	0.090	1.07	3.848	3.839	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 74I01	0.093	2.34	3.492	3.447	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 75I02	0.003	0.07	3.244	3.244	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 75I01	0.041	1.04	3.123	3.086	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 76I02	0.022	0.31	3.086	3.080	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 76I01	0.040	0.57	2.998	2.997	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 77I01	0.004	0.14	3.080	3.080	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 78I08	0.010	0.53	3.387	3.377	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 78I07	0.015	0.78	3.332	3.267	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 78I06	0.021	1.11	3.243	3.219	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 78I05	0.025	1.33	3.218	3.207	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 78I04	0.025	1.33	3.205	3.191	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 78I03	0.029	1.56	3.190	3.184	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 78I02	0.035	1.89	3.158	3.150	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 78I01	0.049	1.22	3.053	3.010	AR&R 100 year (+15%CC), 2 hours storm, average 71.1 mm/h, Zone 1		
P 79I03	0.061	0.87	2.309	2.291	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 79I02	0.078	0.71	2.282	2.281	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 79I01	0.140	1.27	2.240	2.193	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 80I01	0.065	0.59	2.284	2.281	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 81I06	0.032	0.29	2.648	2.637	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 81I05	0.060	0.54	2.642	2.696	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 81I04	0.090	0.81	2.669	2.641	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 81I03	0.128	1.16	2.647	2.648	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 81I02	0.160	1.45	2.576	2.561	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 81I01	0.225	2.04	2.308	2.149	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 82I01	0.014	0.13	2.789	2.789	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182I01	0.118	1.06	2.684	2.648	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 83I03	0.011	0.10	2.633	2.657	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 83I02	0.011	0.10	2.657	2.683	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 83I01	0.036	0.50	2.662	2.641	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 84I01	0.011	0.10	3.306	3.305	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182I03	0.112	1.02	3.200	3.102	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 182I02	0.157	1.42	2.906	2.789	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 8501	0.011	0.10	3.103	3.102	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8603	0.008	0.07	3.111	3.111	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8602	0.019	0.17	3.109	3.109	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8601	0.033	0.30	3.103	3.102	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8705	0.013	1.29	3.351	3.335	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8704	0.024	0.34	3.325	3.320	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8703	0.024	0.22	3.315	3.314	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8702	0.024	0.22	3.312	3.312	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8701	0.034	0.31	3.306	3.305	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 8901	0.014	2.10	5.521	4.673	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 18207	0.038	3.55	4.498	3.918	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 18206	0.048	0.60	3.426	3.418	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 18205	0.057	0.52	3.396	3.384	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 18204	0.067	0.61	3.341	3.305	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9002	0.000	0.00	3.930	3.450	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9106	0.023	1.57	3.687	3.491	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9105	0.023	1.71	3.433	3.217	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9104	0.023	1.43	3.083	2.903	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9103	0.023	1.19	2.865	2.745	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9102	0.023	1.53	2.682	2.416	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9101	0.023	1.40	2.347	2.315	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9306	0.003	0.09	2.753	2.752	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 9305	0.010	0.26	2.744	2.741	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9304	0.026	0.65	2.691	2.687	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9303	0.054	1.36	2.470	2.417	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9302	0.096	1.35	2.268	2.228	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9301	0.096	1.35	2.147	2.125	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9402	0.009	0.08	2.571	2.570	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9401	0.030	0.27	2.562	2.561	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9503	0.005	0.04	2.559	2.558	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9502	0.009	0.08	2.558	2.558	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9501	0.021	0.19	2.558	2.561	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9610	0.000	0.00	3.280	3.270	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9609	0.000	0.00	3.270	3.210	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9608	0.000	0.00	3.190	3.000	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9607	0.000	0.00	2.980	2.588	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9606	0.000	0.00	2.588	2.510	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9605	0.017	1.89	2.341	2.103	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9604	0.017	0.15	2.102	2.102	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9603	0.047	0.42	2.084	2.080	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9602	0.075	0.47	2.037	2.031	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9601	0.075	0.04	2.031	2.030	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 9801	0.028	0.25	2.081	2.080	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 9901	0.006	1.75	2.847	2.752	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10206	0.189	1.71	2.483	2.405	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10205	0.125	1.13	2.318	2.273	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 10204	0.127	0.80	2.227	2.217	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 10203	0.127	0.80	2.194	2.178	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 10202	0.142	0.89	2.125	2.113	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10201	0.178	1.12	1.979	1.901	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10001	0.000	0.00	4.640	4.550	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10214	0.000	0.00	4.914	4.914	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10213	0.016	0.23	4.909	4.907	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10212	0.033	0.46	4.888	4.882	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10211	0.055	0.77	4.834	4.819	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10210	0.085	1.18	4.719	4.682	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10209	0.112	1.58	4.503	4.489	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10208	0.112	3.82	4.039	3.090	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10207	0.173	1.56	2.841	2.752	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10304	0.000	0.00	5.693	5.693	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10303	0.012	1.44	5.672	5.651	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10302	0.024	2.72	5.178	4.765	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10301	0.035	4.02	4.142	3.090	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10401	0.010	0.09	2.752	2.752	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10501	0.016	0.15	2.308	2.405	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10602	0.003	0.03	2.273	2.273	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 10601	0.003	0.03	2.273	2.273	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 10702	0.000	0.00	2.080	2.080	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10701	0.098	0.88	2.061	2.030	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10801	0.007	0.06	2.179	2.178	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10902	0.011	0.10	2.180	2.179	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 10901	0.011	0.07	2.179	2.178	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11005	0.000	0.00	3.188	3.188	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11004	0.000	0.00	3.188	3.188	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11003	0.001	0.03	3.188	3.188	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11002	0.024	1.27	2.876	2.719	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11001	0.046	2.47	2.113	2.113	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11103	0.017	0.44	2.142	2.129	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11102	0.017	0.16	2.126	2.126	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P672	0.175	1.59	1.869	1.843	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11201	0.000	0.00	2.129	2.129	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11302	0.000	0.00	2.126	2.126	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 11301	0.000	0.00	2.126	2.126	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12610	0.009	0.22	2.194	2.191	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12609	0.009	0.08	2.190	2.190	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12608	0.018	0.16	2.188	2.187	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12607	0.018	0.16	2.186	2.186	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12606	0.026	0.24	2.182	2.181	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12605	0.026	0.24	2.174	2.172	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12604	0.034	0.31	2.167	2.164	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12603	0.034	0.31	2.152	2.149	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12602	0.043	0.39	2.140	2.136	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 12601	0.055	0.50	2.125	2.102	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 129/01	0.061	0.55	2.235	2.230	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 130/03	2.498	2.78	3.897	3.785	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 130/02	2.505	2.79	3.231	3.170	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 130/01	2.505	2.79	2.379	2.112	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 131/03	0.000	0.00	2.900	2.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 131/02	0.000	0.00	2.800	2.700	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 131/01	0.000	0.00	2.700	2.600	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 133/03	0.012	0.11	2.430	2.430	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 133/02	0.031	0.28	2.413	2.411	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P620	0.264	1.66	2.228	2.143	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 134/03	0.000	0.00	2.449	2.449	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 134/02	0.038	0.54	2.420	2.411	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 135/03	0.000	0.00	3.889	3.889	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 135/02	0.018	1.36	3.765	3.585	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 135/01	0.018	0.16	2.451	2.449	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 136/01	0.005	0.06	2.449	2.449	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 137/02	0.001	0.01	2.538	2.538	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 137/01	0.214	1.94	2.451	2.411	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 138/02	0.012	0.11	2.549	2.547	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 138/01	0.168	1.52	2.542	2.538	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 139/04	0.069	0.62	2.593	2.584	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 139/03	0.126	1.14	2.581	2.579	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 139/02	0.155	1.40	2.570	2.563	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 139/01	0.155	1.40	2.557	2.547	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 140/01	0.076	0.69	2.582	2.579	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 141/02	0.000	0.00	2.451	2.451	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 141/01	0.020	0.28	2.439	2.437	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 145/01	0.117	1.06	2.320	2.282	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 144/01	0.174	1.09	2.194	2.179	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 142/05	0.043	0.60	2.538	2.526	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1		
P 142/04	0.042	0.38	2.517	2.512	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 142/03	0.036	0.33	2.514	2.563	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 142/02	0.074	0.67	2.567	2.584	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 142/01	0.104	0.94	2.584	2.584	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 143/01	0.000	0.00	2.531	2.526	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 144/07	0.008	1.03	4.056	3.989	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 144/06	0.019	1.54	3.904	3.814	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 144/05	0.035	3.32	3.666	2.641	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 144/04	0.042	1.92	2.545	2.455	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 144/03	0.057	0.51	2.320	2.312	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 144/02	0.057	0.51	2.287	2.282	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 145/04	0.084	2.38	4.123	3.863	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 145/03	0.084	2.48	3.339	2.759	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 145/02	0.097	0.88	2.467	2.437	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 146/01	0.000	0.00	2.667	2.667	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 147/01	0.014	1.33	3.938	3.848	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 148/02	0.008	1.01	2.695	2.649	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 148/01	0.008	0.36	2.641	2.641	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 149/01	0.009	0.20	3.698	3.698	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 151/02	0.000	0.00	2.608	2.608	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 151/01	0.071	1.00	2.505	2.488	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 152/01	0.058	0.82	2.789	2.785	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 179/01	0.353	2.22	2.485	2.456	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 153/03	0.000	0.00	2.677	2.677	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 153/02	0.074	0.67	2.585	2.576	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 153/01	0.211	0.23	2.572	2.572	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 154/03	0.110	1.55	2.964	3.016	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 154/02	0.147	2.08	2.928	2.870	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 154/01	0.163	2.30	2.785	2.752	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 155/02	0.000	0.00	2.536	2.536	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 155/01	0.047	0.29	2.532	2.531	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 156/02	0.028	0.69	2.464	2.564	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 156/01	0.069	1.74	2.417	2.346	AR&R 100 year (+15%CC), 20 minutes storm, average 187 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	0.016	0.10	2.316	2.340	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 159/01	0.222	2.01	2.560	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 160/02	0.420	3.80	2.843	2.499	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 160/01	0.437	3.95	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), 15 minutes storm, average 209 mm/h, Zone 1		
P 162/01	0.084	0.76	2.321	2.318	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 163/01	0.084	0.76	2.316	2.309	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 164/01	0.204	1.85	2.361	2.357	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 165/01	0.037	0.04	2.343	2.343	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 166/01	0.084	0.76	2.334	2.331	AR&R 100 year (+15%CC), 45 minutes storm, average 128 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	3.921	3.948	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 169/01	0.026	1.42	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	3.514	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 171/01	0.000	0.00	3.148	3.148	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	2.927	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	2.895	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 176/01	0.023	0.32	2.849	2.847	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 177/01	0.016	0.22	2.876	2.875	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	0.281	3.98	3.275	2.785	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 180/02	0.020	1.10	2.448	2.431	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 180/01	0.081	1.15	2.434	2.533	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 181/01	0.025	0.23	2.397	2.396	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 183/02	0.000	0.00	2.102	2.102	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 184/01	0.028	0.71	2.714	2.687	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 185/01	0.016	0.39	2.746	2.741	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 186/02	0.001	0.02	2.127	2.127	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 186/01	0.001	0.01	2.127	2.127	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 187/02	0.058	0.37	2.161	2.158	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 187/01	0.058	0.37	2.143	2.124	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1		
P 188/01	0.019	0.41	2.367	2.364	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 189/01	0.000	0.00	2.530	2.456	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 190/01	0.000	0.00	2.387	2.387	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 191/01	0.000	0.00	2.802	2.802	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 192/01	0.005	0.13	3.085	3.084	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 197/02	0.117	1.66	2.971	2.931	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 197/01	0.117	1.06	2.745	2.711	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 194/01	0.008	1.04	4.446	4.356	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 195/01	0.000	0.00	3.170	3.170	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 196/02	0.007	0.10	3.786	3.786	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 196/01	0.007	0.06	3.785	3.785	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 197/05	0.089	1.27	3.616	3.602	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 197/04	0.089	2.25	3.413	3.261	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 197/03	0.112	1.59	3.116	3.084	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 198/02	2.643	5.98	4.827	3.791	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 198/01	2.643	5.98	3.732	3.596	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 199/01	0.031	0.20	2.127	2.126	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 4-01	0.120	0.76	2.559	2.555	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 3-09	1.435	0.79	2.555	2.555	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-08	1.435	1.60	2.555	2.554	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-07	1.435	1.60	2.554	2.553	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-06	4.671	1.84	2.471	2.303	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone 1		
P 3-05	10.231	2.37	2.160	2.143	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-04	10.317	2.39	2.114	2.100	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-03	10.453	2.42	2.070	2.032	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-02	10.485	2.43	2.001	1.972	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 3-01	11.441	2.65	1.937	1.919	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P A-02	11.441	2.35	1.919	1.800	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1		
P 22-02	5.590	2.96	2.669	2.343	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 22-01	5.721	3.03	2.343	2.303	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 23-02	4.333	2.29	2.713	2.553	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1		
P 24-02	0.014	0.09	2.553	2.553	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 24A-02	0.005	0.02	2.553	2.553	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 24A-01	0.017	0.04	2.553	2.553	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 27-02	0.185	1.68	2.651	2.601	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 27-01	0.203	1.28	2.570	2.556	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-01	1.386	1.54	2.556	2.555	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 30-02	0.192	1.21	2.595	2.580	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 30-01	0.255	1.60	2.568	2.546	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-03	1.047	1.16	2.546	2.551	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-02	1.063	1.18	2.551	2.556	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 31-02	0.192	1.21	2.574	2.562	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 31-01	0.323	2.03	2.540	2.500	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 29-01	0.711	0.79	2.502	2.546	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 33-01	0.057	0.36	2.570	2.568	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 32-01	0.225	0.63	2.536	2.500	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 119-02	0.000	0.00	2.685	2.685	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 119-01	0.000	0.00	2.685	2.685	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 120-01	0.232	1.46	2.520	2.452	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-01	0.445	1.57	2.001	1.972	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 120A-01	0.000	0.00	2.497	2.497	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 119A-01	0.100	0.46	2.456	2.452	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-06	0.049	0.44	3.095	3.236	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1		
P 121-05	0.119	1.08	3.047	3.044	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-04	0.119	1.08	2.920	2.870	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-03	0.119	1.08	2.830	2.816	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 121-02	0.119	1.68	2.513	2.452	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 122-02	0.033	1.92	2.060	2.048	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 122-01	0.033	0.82	2.032	2.032	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 122A-01	0.000	0.00	2.870	2.870	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 123-02	0.142	1.28	2.320	2.313	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 123-01	0.142	1.28	2.119	2.100	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 124-01	0.131	0.82	2.349	2.343	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 124A-02	0.099	2.16	2.274	2.178	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 124A-01	0.099	0.62	2.148	2.143	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1		
P 125-02	0.336	1.55	2.550	2.510	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 125-01	0.336	1.55	1.996	1.972	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 127-01	0.015	0.14	2.551	2.551	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Pipe1185	0.209	0.11	1.973	1.973	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
Pipe1187	0.209	0.11	1.972	1.972	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-11	0.023	0.20	2.558	2.558	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 3-10	0.028	0.13	2.556	2.555	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 29-02	0.163	1.02	2.532	2.500	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 32-03	0.071	0.64	2.670	2.636	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 32-02	0.168	1.06	2.602	2.568	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 21-04	0.081	0.51	2.555	2.546	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 28-01	0.131	1.18	2.641	2.556	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 111A/01	0.127	1.51	2.167	2.126	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	2.110	2.110	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 200/03	0.202	0.93	2.088	2.058	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 200/02	0.302	1.39	1.899	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 201/01	0.100	0.90	2.086	2.058	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		
P 202/02	0.017	0.89	2.233	2.167	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1		

P 202101	0.071	0.64	2.119	2.110	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 204102	0.131	0.83	2.223	2.210	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 204101	0.131	0.83	2.130	2.110	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 205104	0.145	5.77	4.072	2.087	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 205103	0.145	1.31	2.043	1.969	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 205102	0.188	1.18	1.933	1.800	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 206103	0.633	1.43	2.045	2.045	AR&R 100 year (+15%CC), 3 hours storm, average 54.4 mm/h, Zone 1				
P 206102	0.669	1.51	2.045	1.971	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 206101	1.204	2.73	1.971	1.901	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 208102	6.118	2.40	1.871	1.800	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1				
P 207102	0.014	2.31	2.205	1.907	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 207101	0.033	0.37	1.901	1.901	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 208104	3.925	2.15	2.106	1.961	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1				
P 208103	4.891	1.92	1.942	1.901	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1				
P 209117	0.011	0.27	4.654	4.649	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209116	0.027	0.38	4.632	4.622	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209115	0.070	1.00	4.565	4.515	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209114	0.127	1.79	4.412	4.316	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209113	0.210	1.32	4.193	4.133	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209112	0.273	1.72	4.024	3.993	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209111	0.454	2.86	3.823	3.757	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1				
P 209110	0.775	2.16	3.562	3.523	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1				
P 209109	0.963	2.18	3.499	3.377	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209108	1.075	2.43	3.347	3.292	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209107	1.165	2.64	3.115	2.947	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209106	1.087	2.99	2.171	1.978	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209105	1.235	2.87	1.778	1.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209104	-0.852	0.00	1.545	1.849	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209103	0.000	0.00	1.849	1.964	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 209102	0.000	0.00	1.964	1.966	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1				
P 209101	0.500	0.79	1.964	1.961	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 210105	0.045	0.40	2.311	2.306	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 210104	0.093	0.85	2.222	2.170	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 210103	0.104	0.94	2.080	2.058	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 210102	0.104	0.94	1.969	1.946	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 210101	0.104	0.94	1.856	1.849	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 211103	0.052	0.47	1.294	1.283	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 211102	-0.121	0.00	1.291	1.406	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 211101	-0.198	0.00	1.408	1.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 212101	0.032	2.38	2.300	1.978	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 213107	0.017	0.15	3.792	3.792	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 213106	0.057	0.52	3.760	3.748	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 213105	0.083	0.75	3.719	3.688	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 213104	0.103	0.93	3.690	3.691	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1				
P 213103	0.146	2.07	3.695	3.849	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone 1				
P 213102	0.211	1.33	3.850	3.867	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 213101	0.306	2.77	3.853	3.757	AR&R 100 year (+15%CC), 30 minutes storm, average 156 mm/h, Zone 1				
P 214102	0.038	2.76	5.339	4.787	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 214101	0.038	2.72	4.318	3.993	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 215101	0.123	1.12	4.019	3.993	AR&R 100 year (+15%CC), 45 minutes storm, average 128 mm/h, Zone 1				
P 216101	0.036	0.91	4.176	4.133	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 217101	0.069	0.63	4.331	4.316	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 218101	0.053	0.75	4.538	4.515	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 219101	0.042	0.59	4.635	4.622	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 220102	0.032	0.29	3.307	3.301	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 220101	0.032	0.29	3.293	3.292	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 221101	0.034	0.18	3.525	3.523	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1				
P 46110 weir	0.000	0.00	2.149	2.149	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	14.366	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				
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	0.256	0	0	0	0		
F 1123	0	0	0.256	0	0	0	0		
F 1122	0	0	0.256	0	0	0	0		
F 1121	0	0	0.256	0	0	0	0		
F 1120	0	0	0.256	0	0	0	0		
F 1119	1.944	1.944	0.256	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	0.256	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	0.256	0.115	0.13	26.90	1.14	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1116	3.455	3.455	0.256	0.145	0.19	33.01	1.32	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1115	3.455	3.455	0.256	0.145	0.19	33.01	1.32	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1114	3.455	3.455	0.256	0.145	0.19	33.01	1.32	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1113	15.757	15.757	0.256	0.230	0.59	49.99	2.56	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone	
F 1112	0	0	0.256	0	0	0	0		
F 1111	0	0	0.256	0	0	0	0		
F 1110	0	0	0.256	0	0	0	0		
F 1109	0	0	0.256	0	0	0	0		
F 1108	0	0	0.256	0	0	0	0		
F 1107	0	0	0.256	0	0	0	0		
F 1106	0	0	0.256	0	0	0	0		
F 1105	0	0	0.256	0	0	0	0		
F 1104	0	0	0.256	0	0	0	0		
F 1103	0	0	0.256	0	0	0	0		
F 1102	0	0	0.256	0	0	0	0		
F 5103	0.127	0.127	0.256	0.038	0.02	11.63	0.53	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1	

F 11\08	7.369	7.369	0.256	0.197	0.31	43.42	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 11\07	7.369	7.369	0.256	0.197	0.31	43.42	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 11\06	7.313	7.313	0.256	0.196	0.31	43.24	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 11\05	7.285	7.285	0.256	0.196	0.31	43.24	1.59	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 11\04	7.285	7.285	0.256	0.196	0.31	43.24	1.59	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 11\03	7.401	7.401	0.256	0.197	0.32	43.42	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 11\02	7.401	7.401	0.256	0.197	0.32	43.42	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 12\01	0.103	0.103	0.256	0.035	0.02	11.09	0.50	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 19\26	0.707	0.707	0.256	0.076	0.07	19.18	0.86	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 19\25	0.707	0.707	0.256	0.076	0.07	19.18	0.86	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 19\24	0.885	0.885	0.256	0.083	0.08	20.61	0.92	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 19\23	0.891	0.891	0.256	0.083	0.08	20.61	0.93	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 19\22	1.567	1.567	0.256	0.105	0.11	24.92	1.08	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\21	1.574	1.574	0.256	0.105	0.11	24.92	1.08	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\20	1.574	1.574	0.256	0.105	0.11	24.92	1.08	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\19	1.574	1.574	0.256	0.105	0.11	24.92	1.08	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\18	1.760	1.760	0.256	0.110	0.12	26.00	1.11	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\17	2.807	2.807	0.256	0.133	0.17	30.67	1.25	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\16	2.875	2.875	0.256	0.134	0.17	30.85	1.26	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\15	2.876	2.876	0.256	0.134	0.17	30.85	1.26	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\14	3.033	3.033	0.256	0.137	0.18	31.39	1.28	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\13	4.017	4.017	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 19\12	4.017	4.017	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 19\11	4.017	4.017	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 19\10	4.017	4.017	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 19\09	4.021	4.021	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 19\06	3.927	3.927	0.256	0.152	0.21	34.44	1.37	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\02	3.656	3.656	0.256	0.149	0.20	33.73	1.33	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 19\01	3.656	3.656	0.256	0.149	0.20	33.73	1.33	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 13\02	0.006	0.006	0.256	0.012	0.00	4.04	0.24	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 13\01	0	0	0.256	0	0	0	0	
F 14\02	0.006	0.006	0.256	0.012	0.00	4.04	0.23	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 14\01	0.114	0.114	0.256	0.036	0.02	11.27	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 15\04	0	0	0.256	0	0	0	0	
F 15\03	0.112	0.112	0.256	0.036	0.02	11.27	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 15\02	0.112	0.112	0.256	0.036	0.02	11.27	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 15\01	0.112	0.112	0.256	0.036	0.02	11.27	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 16\03	0.473	0.473	0.256	0.064	0.05	16.84	0.78	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 16\02	0	0	0.256	0	0	0	0	
F 16\01	0	0	0.256	0	0	0	0	
F 17\02	0.237	0.237	0.256	0.048	0.03	13.61	0.65	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 17\01	1.048	1.048	0.256	0.088	0.09	21.69	0.97	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 18\02	0.057	0.057	0.256	0.028	0.01	9.43	0.43	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 18\01	0.097	0.097	0.256	0.035	0.02	10.91	0.49	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 70\01	0.330	0.330	0.256	0.055	0.04	15.05	0.71	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 19\28	0.384	0.384	0.256	0.059	0.04	15.76	0.74	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 19\27	0.527	0.527	0.256	0.067	0.05	17.38	0.80	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 35\04	0.010	0.010	0.256	0.015	0.00	4.94	0.28	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 35\03	0.056	0.056	0.256	0.028	0.01	9.43	0.42	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 35\02	0.056	0.056	0.256	0.028	0.01	9.43	0.42	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 35\01	0.056	0.056	0.256	0.028	0.01	9.43	0.42	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\14	0.254	0.254	0.256	0.050	0.03	13.97	0.65	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\13	0.254	0.254	0.256	0.050	0.03	13.97	0.65	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\12	0.254	0.254	0.256	0.050	0.03	13.97	0.65	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\11	0.254	0.254	0.256	0.050	0.03	13.97	0.65	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\10	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\09	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\08	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\07	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\06	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\05	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\04	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\03	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\02	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\01	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 36\03	0.109	0.109	0.256	0.036	0.02	11.27	0.50	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 36\02	0.109	0.109	0.256	0.036	0.02	11.27	0.50	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 36\01	0.577	0.577	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 38\17	0	0	0.256	0	0	0	0	
F 38\16	0	0	0.256	0	0	0	0	
F 38\15	0.198	0.198	0.256	0.045	0.03	13.07	0.60	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 39\05	0.012	0.012	0.256	0.016	0.00	5.24	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 39\04	0.002	0.002	0.256	0.008	0.00	2.54	0.18	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 39\03	0.002	0.002	0.256	0.008	0.00	2.54	0.18	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 39\02	0	0	0.256	0	0	0	0	
F 39\01	0	0	0.256	0	0	0	0	
F 40\03	0.010	0.010	0.256	0.015	0.00	4.94	0.28	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 40\02	0	0	0.256	0	0	0	0	
F 40\01	0	0	0.256	0	0	0	0	
F 41\02	0	0	0.256	0	0	0	0	
F 41\01	0.029	0.029	0.256	0.022	0.01	7.33	0.36	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 42\02	0	0	0.256	0	0	0	0	
F 42\01	0	0	0.256	0	0	0	0	
F 43\03	0.409	0.409	0.256	0.061	0.05	16.12	0.74	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 43\02	0.548	0.548	0.256	0.068	0.06	17.56	0.82	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 43\01	0.523	0.523	0.256	0.067	0.05	17.38	0.80	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 44\02	1.385	1.385	0.256	0.099	0.10	23.85	1.05	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 44\01	1.385	1.385	0.256	0.099	0.10	23.85	1.05	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 45\05	0	0	0.256	0	0	0	0	
F 45\04	0	0	0.256	0	0	0	0	
F 45\03	0	0	0.256	0	0	0	0	
F 45\02	0.014	0.014	0.256	0.017	0.01	5.54	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 45\01	0.014	0.014	0.256	0.017	0.01	5.54	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1

OF1272	22.685	22.685	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I26	22.685	22.685	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I25	22.689	22.689	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I24	22.689	22.689	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I23	22.689	22.689	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I22	22.697	22.697	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I21	22.697	22.697	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I20	22.697	22.697	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I19	22.697	22.697	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 46I18	22.880	22.880	0.256	0.230	0.86	49.99	3.72	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 47I02	0	0	0.256	0	0	0	0	
F 47I01	12.468	12.468	0.256	0.230	0.47	49.99	2.03	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1
F 48I09	0.571	0.571	0.256	0.070	0.06	17.92	0.81	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 48I08	0.571	0.571	0.256	0.070	0.06	17.92	0.81	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 48I07	0.571	0.571	0.256	0.070	0.06	17.92	0.81	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 48I06	0.571	0.571	0.256	0.070	0.06	17.92	0.81	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 48I05	0.571	0.571	0.256	0.070	0.06	17.92	0.81	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 48I04	0.571	0.571	0.256	0.070	0.06	17.92	0.81	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 48I03	0.621	0.621	0.256	0.071	0.06	18.28	0.84	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 48I02	0.007	0.007	0.256	0.013	0.00	4.34	0.24	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 48I01	0	0	0.256	0	0	0	0	
F 49I01	0	0	0.256	0	0	0	0	
F 50I04	0.014	0.014	0.256	0.017	0.01	5.54	0.31	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 50I03	0.019	0.019	0.256	0.018	0.01	6.14	0.33	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 50I02	0.019	0.019	0.256	0.018	0.01	6.14	0.33	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 50I01	0.019	0.019	0.256	0.018	0.01	6.14	0.33	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 51I01	0.731	0.731	0.256	0.077	0.07	19.36	0.87	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 52I05	0.016	0.016	0.256	0.018	0.01	5.84	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 52I04	0.026	0.026	0.256	0.021	0.01	7.03	0.35	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 52I03	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 52I02	0.069	0.069	0.256	0.031	0.01	10.20	0.43	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 52I01	0.268	0.268	0.256	0.051	0.03	14.15	0.67	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 53I01	0	0	0.256	0	0	0	0	
F 170I02	0	0	0.256	0	0	0	0	
F 170I01	0	0	0.256	0	0	0	0	
F 54I04	0	0	0.256	0	0	0	0	
F 54I03	0	0	0.256	0	0	0	0	
F 54I02	0	0	0.256	0	0	0	0	
F 54I01	0	0	0.256	0	0	0	0	
F 55I03	0.399	0.399	0.256	0.060	0.04	15.94	0.74	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 55I02	0	0	0.256	0	0	0	0	
F 55I01	0	0	0.256	0	0	0	0	
F 56I07	0.007	0.007	0.256	0.013	0.00	4.34	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 56I06	0.008	0.008	0.256	0.014	0.00	4.64	0.24	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 56I05	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 56I04	0.014	0.014	0.256	0.017	0.01	5.54	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 56I03	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 56I02	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 56I01	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 57I04	0	0	0.256	0	0	0	0	
F 57I03	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 57I02	0	0	0.256	0	0	0	0	
F 57I01	0	0	0.256	0	0	0	0	
F 58I03	0.021	0.021	0.256	0.019	0.01	6.44	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 58I02	0.021	0.021	0.256	0.019	0.01	6.44	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 58I01	15.419	15.419	0.256	0.230	0.58	49.99	2.51	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1
F 59I02	0	0	0.256	0	0	0	0	
F 59I01	0	0	0.256	0	0	0	0	
F 60I01	0.345	0.345	0.256	0.056	0.04	15.23	0.72	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 61I01	0.461	0.461	0.256	0.063	0.05	16.66	0.78	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1
F 61I02	0.031	0.031	0.256	0.023	0.01	7.63	0.36	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 62I03	0.036	0.036	0.256	0.024	0.01	7.93	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 62I02	0.052	0.052	0.256	0.027	0.01	9.13	0.42	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 62I01	0.052	0.052	0.256	0.027	0.01	9.13	0.42	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 63I03	0.019	0.019	0.256	0.018	0.01	6.14	0.33	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 63I02	0.014	0.014	0.256	0.017	0.01	5.54	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 63I01	0.014	0.014	0.256	0.017	0.01	5.54	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 64I03	0	0	0.256	0	0	0	0	
F 64I02	0.001	0.001	0.256	0.007	0.00	2.25	0.17	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 64I01	0.001	0.001	0.256	0.007	0.00	2.25	0.17	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 65I02	0.270	0.270	0.256	0.051	0.03	14.15	0.68	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 65I01	0.270	0.270	0.256	0.051	0.03	14.15	0.68	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 66I02	0.208	0.208	0.256	0.046	0.03	13.25	0.61	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1
F 66I01	0.208	0.208	0.256	0.046	0.03	13.25	0.61	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1
F 67I02	0	0	0.256	0	0	0	0	
F 67I01	0	0	0.256	0	0	0	0	
F 68I02	0	0	0.256	0	0	0	0	
F 68I01	0.003	0.003	0.256	0.009	0.00	2.84	0.21	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 69I02	0.014	0.014	0.256	0.017	0.01	5.54	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 69I01	0.170	0.170	0.256	0.043	0.02	12.53	0.58	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 70I03	0.128	0.128	0.256	0.038	0.02	11.63	0.54	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 70I02	0.083	0.083	0.256	0.033	0.02	10.56	0.47	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 71I03	0.575	0.575	0.256	0.070	0.06	17.92	0.82	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 71I02	0.806	0.806	0.256	0.079	0.07	19.90	0.91	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
F 71I01	0.643	0.643	0.256	0.072	0.06	18.46	0.86	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
F 72I02	0.013	0.013	0.256	0.017	0.00	5.54	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 72I01	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 73I04	0	0	0.256	0	0	0	0	
F 73I03	0	0	0.256	0	0	0	0	
F 73I02	0	0	0.256	0	0	0	0	
F 73I01	0	0	0.256	0	0	0	0	
F 74I02	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 74I01	0	0	0.256	0	0	0	0	

F 75I02	0	0	0.256	0	0	0	0						
F 75I01	0.028	0.028	0.256	0.022	0.01	7.33	0.35	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 76I02	0.010	0.010	0.256	0.015	0.00	4.94	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 76I01	0.006	0.006	0.256	0.012	0.00	4.04	0.23	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 77I01	0	0	0.256	0	0	0	0						
F 78I08	0.112	0.112	0.256	0.036	0.02	11.27	0.51	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I07	0.106	0.106	0.256	0.035	0.02	11.09	0.51	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I06	0.176	0.176	0.256	0.044	0.03	12.71	0.58	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I05	0.189	0.189	0.256	0.044	0.03	12.89	0.60	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I04	0.188	0.188	0.256	0.044	0.03	12.89	0.60	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I03	0.189	0.189	0.256	0.044	0.03	12.89	0.60	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I02	0.191	0.191	0.256	0.044	0.03	12.89	0.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 78I01	0.179	0.179	0.256	0.044	0.03	12.71	0.59	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 79I03	0.089	0.089	0.256	0.034	0.02	10.74	0.47	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 79I02	0.045	0.045	0.256	0.026	0.01	8.83	0.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 79I01	0.145	0.145	0.256	0.040	0.02	11.99	0.56	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 80I01	0.126	0.126	0.256	0.038	0.02	11.63	0.53	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 81I06	0.051	0.051	0.256	0.027	0.01	9.13	0.41	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 81I05	0.430	0.430	0.256	0.062	0.05	16.30	0.76	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 81I04	0.293	0.293	0.256	0.053	0.04	14.51	0.69	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 81I03	0.454	0.454	0.256	0.063	0.05	16.66	0.76	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 81I02	0.638	0.638	0.256	0.072	0.06	18.46	0.85	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 81I01	0.597	0.597	0.256	0.070	0.06	18.10	0.83	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1					
F 82I01	0.038	0.038	0.256	0.025	0.01	8.23	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I01	0.184	0.184	0.256	0.044	0.03	12.71	0.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 83I03	0.073	0.073	0.256	0.031	0.01	10.20	0.46	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 83I02	0.073	0.073	0.256	0.031	0.01	10.20	0.46	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 83I01	0.051	0.051	0.256	0.027	0.01	9.13	0.41	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 84I01	0.017	0.017	0.256	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I03	0.041	0.041	0.256	0.026	0.01	8.53	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I02	0.084	0.084	0.256	0.033	0.02	10.56	0.47	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 85I01	0.018	0.018	0.256	0.018	0.01	6.14	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 86I03	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 86I02	0.018	0.018	0.256	0.018	0.01	6.14	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 86I01	0.025	0.025	0.256	0.021	0.01	7.03	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 87I05	0.021	0.021	0.256	0.020	0.01	6.74	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 87I04	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 87I03	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 87I02	0.015	0.015	0.256	0.018	0.01	5.84	0.29	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 87I01	0.013	0.013	0.256	0.017	0.00	5.54	0.29	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 89I01	0.023	0.023	0.256	0.020	0.01	6.74	0.33	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I07	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I06	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I05	0.009	0.009	0.256	0.015	0.00	4.94	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 182I04	0.011	0.011	0.256	0.016	0.00	5.24	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 90I02	0	0	0.256	0	0	0	0						
F 91I06	0.067	0.067	0.256	0.030	0.01	10.02	0.45	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 91I05	0.067	0.067	0.256	0.030	0.01	10.02	0.45	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 91I04	0.124	0.124	0.256	0.038	0.02	11.63	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 91I03	0.124	0.124	0.256	0.038	0.02	11.63	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 91I02	0.124	0.124	0.256	0.038	0.02	11.63	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 93I06	0.001	0.001	0.256	0.006	0.00	1.95	0.14	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 93I05	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 93I04	0.037	0.037	0.256	0.024	0.01	7.93	0.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 93I03	0.144	0.144	0.256	0.040	0.02	11.99	0.55	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 93I02	0.570	0.570	0.256	0.069	0.06	17.74	0.83	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1					
F 93I01	0.570	0.570	0.256	0.069	0.06	17.74	0.83	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1					
F 94I02	0.010	0.010	0.256	0.015	0.00	4.94	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 94I01	0.003	0.003	0.256	0.009	0.00	3.14	0.19	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 95I03	0.002	0.002	0.256	0.009	0.00	2.84	0.17	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 95I02	0.001	0.001	0.256	0.007	0.00	2.25	0.18	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 95I01	0.037	0.037	0.256	0.024	0.01	7.93	0.39	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1					
F 96I10	0	0	0.256	0	0	0	0						
F 96I09	0	0	0.256	0	0	0	0						
F 96I08	0	0	0.256	0	0	0	0						
F 96I07	0	0	0.256	0	0	0	0						
F 96I06	0	0	0.256	0	0	0	0						
F 96I05	0.036	0.036	0.256	0.024	0.01	7.93	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 96I04	0.036	0.036	0.256	0.024	0.01	7.93	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 96I03	0.120	0.120	0.256	0.037	0.02	11.45	0.53	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 96I02	0.226	0.226	0.256	0.047	0.03	13.43	0.64	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1					
F 96I01	0.226	0.226	0.256	0.047	0.03	13.43	0.64	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1					
F 98I01	0.106	0.106	0.256	0.035	0.02	11.09	0.51	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1					
F 99I01	0.004	0.004	0.256	0.010	0.00	3.44	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I06	0.109	0.109	0.256	0.036	0.02	11.27	0.50	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I05	0.293	0.293	0.256	0.053	0.04	14.51	0.69	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I04	0.294	0.294	0.256	0.053	0.04	14.51	0.69	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I03	0.294	0.294	0.256	0.053	0.04	14.51	0.69	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I02	0.315	0.315	0.256	0.054	0.04	14.87	0.70	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I01	0.380	0.380	0.256	0.059	0.04	15.76	0.73	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 100I01	0	0	0.256	0	0	0	0						
F 102I14	0	0	0.256	0	0	0	0						
F 102I13	0.034	0.034	0.256	0.024	0.01	7.93	0.36	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I12	0.036	0.036	0.256	0.024	0.01	7.93	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I11	0.064	0.064	0.256	0.030	0.01	10.02	0.42	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I10	0.122	0.122	0.256	0.037	0.02	11.45	0.53	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I09	0.095	0.095	0.256	0.035	0.02	10.91	0.48	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I08	0.095	0.095	0.256	0.035	0.02	10.91	0.48	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 102I07	0.092	0.092	0.256	0.034	0.02	10.74	0.49	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 103I04	0	0	0.256	0	0	0	0						
F 103I03	0.054	0.054	0.256	0.028	0.01	9.43	0.40	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 103I02	0.037	0.037	0.256	0.024	0.01	7.93	0.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1					
F 103I01	0.023	0.023	0.256	0.020	0.01								

F 104V01	0.013	0.013	0.256	0.017	0.00	5.54	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 105V01	0.097	0.097	0.256	0.035	0.02	10.91	0.49	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 106V02	0.001	0.001	0.256	0.007	0.00	2.25	0.13	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 106V01	0.001	0.001	0.256	0.007	0.00	2.25	0.13	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 107V02	0	0	0.256	0	0	0	0	
OF1057	0.044	0.044	0.256	0.026	0.01	8.53	0.41	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 108V01	0.005	0.005	0.256	0.011	0.00	3.74	0.24	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 109V02	0.018	0.018	0.256	0.018	0.01	6.14	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 109V01	0.018	0.018	0.256	0.018	0.01	6.14	0.31	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 110V05	0	0	0.256	0	0	0	0	
F 110V04	0	0	0.256	0	0	0	0	
F 110V03	0	0	0.256	0	0	0	0	
F 110V02	0.069	0.069	0.256	0.031	0.01	10.20	0.43	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 110V01	0.066	0.066	0.256	0.030	0.01	10.02	0.43	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 111V03	0.038	0.038	0.256	0.025	0.01	8.23	0.37	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 111V02	0.038	0.038	0.256	0.025	0.01	8.23	0.37	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 111V01	0.166	0.166	0.256	0.042	0.02	12.35	0.59	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 112V01	0	0	0.256	0	0	0	0	
F 113V02	0	0	0.256	0	0	0	0	
F 113V01	0	0	0.256	0	0	0	0	
F 126V10	0.009	0.009	0.256	0.014	0.00	4.64	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V09	0.009	0.009	0.256	0.014	0.00	4.64	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V08	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V07	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V06	0.008	0.008	0.256	0.013	0.00	4.34	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V05	0.008	0.008	0.256	0.013	0.00	4.34	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V04	0.007	0.007	0.256	0.013	0.00	4.34	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V03	0.007	0.007	0.256	0.013	0.00	4.34	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V02	0.009	0.009	0.256	0.014	0.00	4.64	0.28	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 126V01	0	0	0.256	0	0	0	0	
F 129V01	0.312	0.312	0.256	0.054	0.04	14.87	0.69	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 130V03	0	0	0.256	0	0	0	0	
F 130V02	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 130V01	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 131V03	0	0	0.256	0	0	0	0	
F 131V02	0	0	0.256	0	0	0	0	
F 131V01	0	0	0.256	0	0	0	0	
F 133V03	0.018	0.018	0.256	0.018	0.01	6.14	0.33	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 133V02	0.002	0.002	0.256	0.009	0.00	2.84	0.19	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 134V03	0	0	0.256	0	0	0	0	
F 134V02	0.034	0.034	0.256	0.024	0.01	7.93	0.36	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 135V03	0	0	0.256	0	0	0	0	
F 135V02	0.039	0.039	0.256	0.025	0.01	8.23	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 135V01	0.039	0.039	0.256	0.025	0.01	8.23	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 136V01	0.002	0.002	0.256	0.008	0.00	2.54	0.18	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 137V03	0	0	0.256	0	0	0	0	
F 137V02	0.182	0.182	0.256	0.044	0.03	12.71	0.60	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone :
F 138V02	0.018	0.018	0.256	0.018	0.01	6.14	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 138V01	0.276	0.276	0.256	0.052	0.03	14.33	0.67	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 139V04	7.269	7.269	0.256	0.196	0.31	43.24	1.59	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone :
F 139V03	0.200	0.200	0.256	0.045	0.03	13.07	0.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 139V02	0.229	0.229	0.256	0.048	0.03	13.61	0.63	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 139V01	0.229	0.229	0.256	0.048	0.03	13.61	0.63	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 140V01	7.313	7.313	0.256	0.196	0.31	43.24	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone :
F 141V02	0	0	0.256	0	0	0	0	
F 141V01	0.051	0.051	0.256	0.027	0.01	9.13	0.41	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 145V01	0.076	0.076	0.256	0.032	0.01	10.38	0.45	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 144V01	0.138	0.138	0.256	0.039	0.02	11.81	0.55	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 142V05	7.285	7.285	0.256	0.196	0.31	43.24	1.59	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone :
F 142V04	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone :
F 142V03	0.180	0.180	0.256	0.044	0.03	12.71	0.59	AR&R 100 year (+15%CC), 10 minutes storm, average 244 mm/h, Zone :
F 142V02	0.208	0.208	0.256	0.046	0.03	13.25	0.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 142V01	0.171	0.171	0.256	0.043	0.02	12.53	0.58	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 143V01	7.269	7.269	0.256	0.196	0.31	43.24	1.59	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone :
F 144V07	0.007	0.007	0.256	0.013	0.00	4.34	0.24	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 144V06	0.017	0.017	0.256	0.018	0.01	6.14	0.30	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 144V05	0.030	0.030	0.256	0.022	0.01	7.33	0.37	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 144V04	0.036	0.036	0.256	0.024	0.01	7.93	0.38	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 144V03	0.062	0.062	0.256	0.029	0.01	9.73	0.44	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 144V02	0.062	0.062	0.256	0.029	0.01	9.73	0.44	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 145V04	7.369	7.369	0.256	0.197	0.31	43.42	1.60	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone :
F 145V03	0	0	0.256	0	0	0	0	
F 145V02	0.025	0.025	0.256	0.021	0.01	7.03	0.33	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 146V01	0	0	0.256	0	0	0	0	
F 147V01	0.026	0.026	0.256	0.021	0.01	7.03	0.35	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 148V02	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 148V01	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 149V01	0.008	0.008	0.256	0.014	0.00	4.64	0.26	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 151V02	0	0	0.256	0	0	0	0	
F 151V01	0.082	0.082	0.256	0.033	0.02	10.56	0.46	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 152V01	0.062	0.062	0.256	0.029	0.01	9.73	0.43	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 179V01	0.439	0.439	0.256	0.062	0.05	16.48	0.76	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 153V03	0	0	0.256	0	0	0	0	
F 153V02	0.090	0.090	0.256	0.034	0.02	10.74	0.48	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 153V01	0	0	0.256	0	0	0	0	
F 154V03	0.190	0.190	0.256	0.044	0.03	12.89	0.60	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 154V02	0.075	0.075	0.256	0.032	0.01	10.38	0.44	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 154V01	0.035	0.035	0.256	0.024	0.01	7.93	0.37	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 155V02	0	0	0.256	0	0	0	0	
F 155V01	0.010	0.010	0.256	0.015	0.00	4.94	0.27	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 156V02	0.097	0.097	0.256	0.035	0.02	10.91	0.49	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 156V01	0.217	0.217	0.256	0.047	0.03	13.43	0.62	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 157V01	0.099	0.099	0.256	0.035	0.02	10.91	0.50	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1

F 158V01	0.330	0.330	0.256	0.055	0.04	15.05	0.71	AR&R 100 year (+15%CC), 15 minutes storm, average 209 mm/h, Zone
F 159V01	0	0	0.256	0	0	0	0	
F 160V02	0	0	0.256	0	0	0	0	
F 190V07	4.008	4.008	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 161V01	3.927	3.927	0.256	0.152	0.21	34.44	1.37	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 190V05	3.845	3.845	0.256	0.151	0.21	34.26	1.36	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 190V04	3.763	3.763	0.256	0.150	0.20	34.08	1.34	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 190V03	3.656	3.656	0.256	0.149	0.20	33.73	1.33	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 165V01	0	0	0.256	0	0	0	0	
F 190V08	3.941	3.941	0.256	0.153	0.21	34.62	1.36	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 167V01	0	0	0.256	0	0	0	0	
F 168V01	0.038	0.038	0.256	0.025	0.01	8.23	0.38	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 169V01	0.024	0.024	0.256	0.020	0.01	6.74	0.35	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 170V03	0	0	0.256	0	0	0	0	
F 171V01	0	0	0.256	0	0	0	0	
F 172V01	0	0	0.256	0	0	0	0	
F 173V01	0	0	0.256	0	0	0	0	
F 174V01	0.001	0.001	0.256	0.007	0.00	2.25	0.13	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 175V01	0.001	0.001	0.256	0.006	0.00	1.95	0.15	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 176V01	0.016	0.016	0.256	0.018	0.01	5.84	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 177V01	0.005	0.005	0.256	0.011	0.00	3.74	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 178V01	0	0	0.256	0	0	0	0	
F 179V02	0.298	0.298	0.256	0.053	0.04	14.69	0.68	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 180V02	0.047	0.047	0.256	0.026	0.01	8.83	0.40	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 180V01	0.215	0.215	0.256	0.046	0.03	13.25	0.63	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 181V01	0.005	0.005	0.256	0.011	0.00	3.74	0.23	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 182V09	0	0	0.256	0	0	0	0	
F 182V08	0	0	0.256	0	0	0	0	
F 183V02	0	0	0.256	0	0	0	0	
F 184V01	0.107	0.107	0.256	0.035	0.02	11.09	0.52	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 185V01	0.031	0.031	0.256	0.023	0.01	7.63	0.36	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 186V02	0	0	0.256	0	0	0	0	
F 186V01	0	0	0.256	0	0	0	0	
F 187V02	0.468	0.468	0.256	0.064	0.05	16.84	0.77	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 187V01	0.468	0.468	0.256	0.064	0.05	16.84	0.77	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 188V01	0	0	0.256	0	0	0	0	
F 189V01	0	0	0.256	0	0	0	0	
F 190V01	0	0	0.256	0	0	0	0	
F 191V01	0	0	0.256	0	0	0	0	
F 192V01	0	0	0.256	0	0	0	0	
F 197V02	0.025	0.025	0.256	0.021	0.01	7.03	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 197V01	0.025	0.025	0.256	0.021	0.01	7.03	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 193V01	0	0	0.256	0	0	0	0	
F 194V01	0.007	0.007	0.256	0.013	0.00	4.34	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 195V01	0	0	0.256	0	0	0	0	
F 196V02	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 196V01	0.005	0.005	0.256	0.012	0.00	4.04	0.22	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 197V05	15.582	15.582	0.256	0.230	0.58	49.99	2.53	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 197V04	0.021	0.021	0.256	0.019	0.01	6.44	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 197V03	0.025	0.025	0.256	0.021	0.01	7.03	0.34	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF589	1.284	1.284	0.256	0.097	0.10	23.31	1.02	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF590	0.692	0.692	0.256	0.075	0.06	19.00	0.86	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone
F 199V01	0.128	0.128	0.256	0.038	0.02	11.63	0.54	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF4025	1.813	1.813	0.256	0.111	0.12	26.18	1.12	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
OF4518	0	0	0.256	0	0	0	0	
OF4761	0	0	0.256	0	0	0	0	
OF4037	0	0	0.256	0	0	0	0	
F 24A-02	0	0	0.211	0	0	0	0	
F 24A-01	0.002	0.002	0.211	0.032	0.01	0.41	0.32	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF4040	0	0	0.256	0	0	0	0	
F 27-01	0.006	0.006	0.298	0.042	0.02	0.57	0.55	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF3062	0.076	0.076	0.256	0.032	0.01	10.38	0.45	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 30-01	0.066	0.141	0.298	0.117	0.11	3.08	0.95	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF2899	1.385	1.385	0.256	0.099	0.10	23.85	1.05	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
OF2743	0.493	0.493	0.256	0.065	0.05	17.02	0.79	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF606	1.303	1.303	0.256	0.097	0.10	23.49	1.02	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 33-01	0.057	0.132	0.298	0.114	0.11	3.01	0.94	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF5011	0.210	0.210	0.256	0.046	0.03	13.25	0.62	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF2453	0	0	0.256	0	0	0	0	
F 119A-01	0.153	0.153	0.267	0.124	0.11	3.34	0.89	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 121-06	0.185	0.185	0.256	0.044	0.03	12.71	0.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 122A-01	0.025	0.025	0.211	0.074	0.04	1.65	0.53	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 122-02	0.008	0.008	0.256	0.014	0.00	4.64	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF4002	0	0	0.256	0	0	0	0	
OF3808	0	0	0.256	0	0	0	0	
OF2315	0.143	0.143	19.770	0.040	0.02	11.99	0.55	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF1801	2.299	2.299	0.256	0.123	0.15	28.52	1.19	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone
F 125-02	0	0	0.256	0	0	0	0	
F 127-01	0.004	0.052	0.050	0.100	0.10	1.00	1.05	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF6765	0	0	0.256	0	0	0	0	
OF4017	0	0	0.256	0	0	0	0	
F 3-10	0.001	0.001	0.087	0.014	0.01	0.14	0.50	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF4035	0.350	0.350	0.256	0.057	0.04	15.41	0.71	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 32-03	0.083	0.243	0.298	0.140	0.15	3.87	1.06	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 32-02	0.146	0.277	0.298	0.146	0.16	4.07	1.09	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21-04	0.105	0.236	0.298	0.138	0.15	3.81	1.06	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF3410	0.040	0.040	0.256	0.025	0.01	8.23	0.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF616	0	0	0.256	0	0	0	0	
OF623	0	0	0.256	0	0	0	0	
OF621	0	0	0.256	0	0	0	0	
F 200V04	0	0	0.190	0	0	0	0	
F 200V03	0.016	0.016	0.190	0.066	0.05	0.86	0.80	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 200V02	0.016	0.016	0.190	0.066	0.05	0.86	0.80	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1

F 20101	0.032	0.032	0.190	0.081	0.07	1.36	0.86	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20202	0.026	0.026	0.190	0.077	0.06	1.20	0.84	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20201	0.016	0.016	0.190	0.066	0.05	0.86	0.80	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20402	0.056	0.056	0.190	0.097	0.09	1.88	0.91	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20401	0	0	0.190	0	0	0	0	
F 20504	0.068	0.068	0.190	0.103	0.09	2.08	0.92	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20503	0.068	0.068	0.190	0.103	0.09	2.08	0.92	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20502	0.004	0.004	0.190	0.042	0.02	0.35	0.59	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20603	4.181	4.181	0.190	0.362	1.01	6.40	2.78	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 20602	3.577	3.577	0.190	0.340	0.89	6.40	2.62	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
F 20601	3.154	3.154	0.190	0.325	0.81	6.40	2.49	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
F 20802	4.125	4.125	0.190	0.360	0.99	6.40	2.76	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
F 20702	0	0	0.190	0	0	0	0	
F 20701	0	0	0.190	0	0	0	0	
F 20804	0	0	0.190	0	0	0	0	
F 20803	1.013	1.013	0.190	0.225	0.36	6.40	1.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20917	0	0	0.190	0	0	0	0	
F 20916	0	0	0.190	0	0	0	0	
F 20915	0.038	0.038	0.190	0.087	0.07	1.54	0.85	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20914	0.093	0.093	0.190	0.113	0.11	2.40	0.98	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20913	0.077	0.077	0.190	0.107	0.10	2.20	0.94	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20912	0.147	0.147	0.190	0.130	0.13	2.97	1.04	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20911	0.439	0.439	0.190	0.183	0.22	5.65	1.20	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20910	0.302	0.302	0.190	0.166	0.18	4.80	1.09	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20909	0.116	0.116	0.190	0.120	0.12	2.65	1.01	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20908	0.042	0.042	0.190	0.090	0.08	1.63	0.86	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20907	0.009	0.009	0.190	0.056	0.04	0.52	0.72	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20906	0.160	0.160	0.190	0.133	0.14	3.08	1.05	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20905	0.045	0.045	0.190	0.091	0.08	1.68	0.88	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20904	3.317	3.317	0.190	0.331	0.84	6.40	2.54	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20903	2.819	2.819	0.190	0.311	0.74	6.40	2.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20902	2.219	2.219	0.190	0.286	0.62	6.40	2.18	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 20901	1.619	1.619	0.190	0.258	0.50	6.40	1.93	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21005	0.005	0.005	0.190	0.044	0.03	0.36	0.61	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21004	0.027	0.027	0.190	0.077	0.06	1.22	0.84	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21003	0	0	0.190	0	0	0	0	
F 21002	0	0	0.190	0	0	0	0	
F 21001	0	0	0.190	0	0	0	0	
F 21103	0.044	0.044	0.190	0.090	0.08	1.65	0.88	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21102	0.356	0.356	0.190	0.173	0.20	5.17	1.13	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21101	0.448	0.448	0.190	0.184	0.22	5.68	1.21	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21201	0.002	0.002	0.190	0.028	0.01	0.23	0.45	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21307	0	0	0.190	0	0	0	0	
F 21306	0.004	0.004	0.190	0.041	0.02	0.34	0.56	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21305	0	0	0.190	0	0	0	0	
F 21304	0.171	0.171	0.190	0.136	0.15	3.17	1.07	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21303	0.303	0.303	0.190	0.167	0.18	4.83	1.08	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21302	0.400	0.400	0.190	0.179	0.21	5.44	1.17	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21301	0.175	0.175	0.190	0.137	0.15	3.19	1.08	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21402	0.003	0.003	0.190	0.038	0.02	0.31	0.54	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21401	0	0	0.190	0	0	0	0	
F 21501	0.079	0.079	0.190	0.107	0.10	2.22	0.95	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21601	0.003	0.003	0.190	0.036	0.02	0.30	0.53	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21701	0.014	0.014	0.190	0.064	0.05	0.77	0.78	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21801	0.008	0.008	0.190	0.054	0.04	0.44	0.70	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 21901	0.004	0.004	0.190	0.041	0.02	0.34	0.58	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 22002	0.002	0.002	0.190	0.029	0.01	0.24	0.46	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 22001	0.002	0.002	0.190	0.029	0.01	0.24	0.46	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
F 22101	0.002	0.002	0.190	0.033	0.02	0.27	0.51	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF686	0.065	0.065	19.770	0.030	0.01	10.02	0.43	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF691	0.040	0.040	19.770	0.025	0.01	8.23	0.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF693	0.080	0.080	19.770	0.032	0.02	10.38	0.47	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF697	0.081	0.081	19.770	0.032	0.02	10.38	0.48	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF700	0.032	0.032	19.770	0.023	0.01	7.63	0.37	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF701	0.007	0.007	19.770	0.013	0.00	4.34	0.24	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF702	0.008	0.008	19.770	0.014	0.00	4.64	0.24	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF703	0.046	0.046	19.770	0.026	0.01	8.83	0.39	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF704	0.179	0.179	19.770	0.044	0.03	12.71	0.59	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF695	0.035	0.035	19.770	0.024	0.01	7.93	0.37	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1
OF1120	23.858	23.858	0.256	0.230	0.89	49.99	3.88	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1006	0	0	0.256	0	0	0	0	
OF1008	0	0	0.256	0	0	0	0	
OF1020	5.976	5.976	0.256	0.181	0.27	40.19	1.52	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
OF1018	2.011	2.011	0.256	0.116	0.13	27.26	1.14	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1
OF1062	23.858	23.858	0.256	0.230	0.89	49.99	3.88	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1107	0	0	0.256	0	0	0	0	
OF1110	0.399	0.399	0.256	0.060	0.04	15.94	0.74	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1114	0	0	0.256	0	0	0	0	
OF1129	0	0	0.256	0	0	0	0	
OF1125	0.628	0.628	0.256	0.072	0.06	18.46	0.83	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1167	0	0	0.256	0	0	0	0	
OF1161	0	0	0.256	0	0	0	0	
OF1154	0	0	0.256	0	0	0	0	
OF1148	0	0	0.256	0	0	0	0	
OF1142	0	0	0.256	0	0	0	0	
OF1135	0.038	0.038	0.256	0.025	0.01	8.23	0.38	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1172	0.399	0.399	0.256	0.060	0.04	15.94	0.74	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1173	0	0	0.256	0	0	0	0	
OF1174	0.038	0.038	0.256	0.025	0.01	8.23	0.38	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1175	11.465	11.465	0.256	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
OF1176	24.484	24.484	0.256	0.230	0.92	49.99	3.98	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1177	35.645	35.645	0.256	0.230	1.33	49.99	5.80	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1
OF1178	0.434	0.434	0.256	0.062	0.05	16.30	0.77	AR&R 100 year (+15%CC), 20 minutes storm, average 187 mm/h, Zone 1

F 46127	36.053	36.053	0.256	0.230	1.35	49.99	5.86	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1			
OF1206	0	0	0.256	0	0	0	0				
OF1205	0.010	0.010	0.256	0.015	0.00	4.94	0.28	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1			
OF1207	4.017	4.017	0.256	0.154	0.21	34.80	1.37	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1			
OF1214	0.025	0.025	0.256	0.021	0.01	7.03	0.34	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1			
OF1221	0.153	0.153	0.256	0.041	0.02	12.17	0.57	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1			
OF1230	0.006	0.006	0.256	0.012	0.00	4.04	0.25	AR&R 100 year (+15%CC), 5 minutes storm, average 309 mm/h, Zone 1			
OF1231	1.864	1.864	0.256	0.113	0.13	26.54	1.12	AR&R 100 year (+15%CC), 25 minutes storm, average 170 mm/h, Zone 1			
OF1235	0	0	0.256	0	0	0	0				
OF1278	22.685	22.685	0.256	0.230	0.85	49.99	3.69	AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1			
DETENTION BASIN DETAILS											
Name	Max WL	MaxVol	Max Q	Max Q	Max Q						
			Total	Low Level	High Level						
CONTINUITY CHECK for AR&R 100 year (+15%CC), 1.5 hours storm, average 85.3 mm/h, Zone 1											
Node	Inflow (cu.m)	Outflow (cu.m)	Storage Change (cu.m)	Difference %							
1124	19438.46	19438.46	0.00	0.0							
1123	19438.46	19438.18	0.00	0.0							
1122	19438.18	19438.06	0.00	0.0							
1121	19438.06	19438.08	0.00	-0.0							
1120	19438.08	19438.12	0.00	-0.0							
1119	24811.17	24811.20	0.00	-0.0							
1118	24811.20	24811.20	0.00	0.0							
1117	24811.20	24811.20	0.00	0.0							
1116	25066.53	25066.73	0.00	-0.0							
1115	25066.55	25066.73	0.00	-0.0							
1114	25066.55	25066.73	0.00	-0.0							
1113	62323.95	62323.86	0.00	0.0							
1112	53285.81	53285.81	0.00	0.0							
1111	53285.81	53285.81	0.00	0.0							
1110	53285.81	53285.81	0.00	0.0							
1109	53285.81	53285.81	0.00	0.0							
1108	53285.81	53285.81	0.00	0.0							
1107	53285.81	53285.81	0.00	0.0							
1106	53285.81	53285.81	0.00	0.0							
1105	53285.81	53285.81	0.00	0.0							
1104	53285.81	53285.81	0.00	0.0							
1103	53285.81	53285.81	0.00	0.0							
1102	53285.81	53285.81	0.00	0.0							
1101	53285.81	53285.81	0.00	0.0							
5103	188.14	188.14	0.00	0.0							
5102	874.04	874.04	0.00	0.0							
5101	874.04	874.04	0.00	0.0							
46117	39183.96	39184.01	0.00	-0.0							
46116	39184.17	39184.01	0.00	0.0							
46115	41866.91	41866.82	0.00	0.0							
46114	42028.33	42028.17	0.00	0.0							
46113	42073.19	42073.05	0.00	0.0							
46112	42073.07	42073.05	0.00	0.0							
46111	42073.07	42073.05	0.00	0.0							
46110	24046.88	24046.88	0.00	0.0							
46109	43253.72	43253.72	0.00	0.0							
46108	44087.50	44087.32	0.00	0.0							
46107	44951.89	44952.01	0.00	-0.0							
46106	45978.51	45978.37	0.00	0.0							
46105	65667.85	65667.84	0.00	0.0							
46104A	45031.20	45031.25	0.00	-0.0							
46104	67414.87	67414.82	0.00	0.0							
46103	68633.23	68633.11	0.00	0.0							
46102	69701.45	69701.37	0.00	0.0							
46101	48267.35	48267.35	0.00	0.0							
6102	0.00	0.00	0.00	0.0							
6101	0.00	-0.00	0.00	0.0							
7103	0.00	0.00	0.00	0.0							
7102	67.16	67.15	0.00	0.0							
7101	67.15	67.15	0.00	-0.0							
8104	5147.16	5147.25	0.00	-0.0							
8103	5147.25	5147.42	0.00	-0.0							
8102	5147.42	5147.42	0.00	0.0							
8101	5147.42	5147.42	0.00	0.0							
9116	19547.57	19547.63	0.00	-0.0							
9115	19547.58	19547.63	0.00	-0.0							
9114	19547.58	19547.63	0.00	-0.0							
9113	19547.58	19547.63	0.00	-0.0							
9112	19547.58	19547.63	0.00	-0.0							
9111	20167.32	20167.26	0.00	0.0							
9110	20167.31	20167.26	0.00	0.0							
9109	20188.81	20188.75	0.00	0.0							
9108	20457.84	20457.81	0.00	0.0							
9107	24289.08	24289.15	0.00	-0.0							
9106	24902.43	24902.43	0.00	0.0							
9105	24902.43	24902.43	0.00	-0.0							
9104	25721.53	25721.51	0.00	0.0							
9103	25721.60	25721.51	0.00	0.0							
9102	25721.60	25721.51	0.00	0.0							
9101	16695.21	16695.21	0.00	0.0							
8106	5079.95	5079.95	0.00	-0.0							
8105	5079.95	5080.01	0.00	-0.0							
9125	9038.18	9038.18	0.00	0.0							
9124	9267.71	9267.69	0.00	0.0							

9\23	13256.79	13256.83	0.00	-0.0																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													</
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17\02	525.06	525.06	0.00	0.0													
17\01	2194.95	2194.92	0.00	0.0													
18\02	114.89	114.88	0.00	0.0													
18\01	124.03	124.39	0.00	-0.3													
70\01	335.18	335.19	0.00	-0.0													
19\28	1184.82	1184.80	0.00	0.0													
19\27	1184.80	1184.80	0.00	-0.0													
35\04	42.66	42.64	0.00	0.0													
35\03	110.68	110.62	0.00	0.1													
35\02	110.62	110.57	0.00	0.1													
35\01	110.57	110.53	0.00	0.0													
38\14	17719.25	17714.24	0.00	0.0													
38\13	17714.25	17714.83	0.00	-0.0													
38\12	17714.84	17715.58	0.00	-0.0													
38\11	17715.59	17715.75	0.00	-0.0													
38\10	18533.87	18533.81	0.00	0.0													
38\09	18533.73	18530.57	0.00	0.0													
38\08	18530.49	18533.22	0.00	-0.0													
38\07	18533.13	18538.68	0.00	-0.0													
38\06	18538.59	18539.22	0.00	-0.0													
38\05	18539.14	18539.67	0.00	-0.0													
38\04	18539.59	18540.18	0.00	-0.0													
38\03	18540.10	18539.27	0.00	0.0													
38\02	18539.19	18532.99	0.00	0.0													
38\01	18586.76	18586.84	0.00	-0.0													
36\03	283.86	283.85	0.00	0.0													
36\02	284.33	285.25	0.00	-0.3													
36\01	1026.39	1026.39	0.00	-0.0													
38\17	17243.88	17243.89	0.00	-0.0													
38\16	17248.42	17248.93	0.00	-0.0													
38\15	17612.65	17608.72	0.00	0.0													
39\05	54.59	54.45	0.00	0.2													
39\04	54.45	54.44	0.00	0.0													
39\03	54.44	54.44	0.00	-0.0													
39\02	354.15	353.65	0.63	-0.0													
39\01	353.65	353.65	0.00	0.0													
40\03	78.33	78.11	0.00	0.3													
40\02	84.03	84.04	0.00	-0.0													
40\01	109.17	109.19	0.00	-0.0													
41\02	75.28	75.11	0.00	0.2													
41\01	214.12	214.78	0.00	-0.3													
42\02	181.67	182.52	0.00	-0.5													
42\01	190.52	190.52	0.00	-0.0													
43\03	630.18	630.17	0.00	0.0													
43\02	770.32	770.32	0.00	0.0													
43\01	817.04	817.05	0.00	-0.0													
44\02	2113.70	2113.70	0.00	0.0													
44\01	2113.70	2113.70	0.00	0.0													
45\05	3883.12	3883.12	0.00	0.0													
45\04	3883.12	3883.12	0.00	0.0													
45\03	3883.12	3883.07	0.00	0.0													
45\02	3989.08	3989.10	0.00	-0.0													
45\01	3989.08	3989.10	0.00	-0.0													
46\27	37303.38	37303.35	0.00	0.0													
46\26	37303.36	37306.17	0.00	-0.0													
46\25	37408.61	37412.68	0.00	-0.0													
46\24	37442.96	37448.23	0.00	-0.0													
46\23	37448.45	37448.23	0.00	0.0													
46\22	37681.27	37680.93	0.00	0.0													
46\21	37681.16	37680.93	0.00	0.0													
46\20	37681.16	37680.93	0.00	0.0													
46\19	37681.16	37680.93	0.00	0.0													
46\18	38315.21	38310.01	5.00	0.0													
47\02	36727.54	36727.54	0.00	0.0													
47\01	37254.92	37257.29	0.00	-0.0													
48\09	1087.70	1087.65	0.00	0.0													
48\08	1087.65	1087.56	0.00	0.0													
48\07	1087.56	1087.76	0.00	-0.0													
48\06	1087.77	1087.35	0.00	0.0													
48\05	1087.35	1086.89	0.00	0.0													
48\04	1086.89	1086.44	0.00	0.0													
48\03	1086.44	1081.00	5.00	0.0													
48\02	554.13	548.87	5.00	0.0													
48\01	676.76	675.17	0.66	0.1													
49\01	4.53	4.53	0.00	0.0													
50\04	45.13	45.10	0.00	0.1													
50\03	98.69	98.58	0.00	0.1													
50\02	98.58	98.59	0.00	-0.0													
50\01	98.59	98.58	0.00	0.0													
51\01	1669.89	1669.89	0.00	0.0													
52\05	65.00	64.99	0.00	0.0													
52\04	135.07	134.97	0.00	0.1													
52\03	156.05	155.78	0.00	0.2													
52\02	178.63	178.39	0.00	0.1													
52\01	178.39	178.39	0.00	-0.0													
53\01	0.00	0.00	0.00	0.0													
170\02	570.88	571.34	0.00	-0.1													
170\01	648.33	647.50	0.00	0.1													
54\04	77.31	77.31	0.00	-0.0													
54\03	77.31	77.25	0.00	0.1													
54\02	77.25	77.11	0.00	0.2													
54\01	77.11	76.98	0.00	0.2													
55\03	57.58	57.58	0.00	0.0													

55\02	20.79	20.86	0.00	-0.3								
55\01	23.77	23.35	0.00	1.8								
56\07	23.10	23.10	0.00	-0.0								
56\06	36.31	36.31	0.00	0.0								
56\05	58.52	58.51	0.00	0.0								
56\04	73.23	73.19	0.00	0.1								
56\03	94.14	94.07	0.00	0.1								
56\02	211.62	211.53	0.00	0.0								
56\01	269.04	269.04	0.00	-0.0								
57\04	42.40	42.40	0.00	0.0								
57\03	67.66	67.66	0.00	0.0								
57\02	117.55	117.56	0.00	-0.0								
57\01	117.56	117.56	0.00	0.0								
58\03	51.03	51.03	0.00	0.0								
58\02	79.09	79.00	0.00	0.1								
58\01	8547.53	8547.55	0.00	-0.0								
59\02	0.63	0.53	0.00	16.7								
59\01	13.60	13.66	0.00	-0.4								
60\01	421.09	421.09	0.00	-0.0								
61\01	527.48	527.38	0.00	0.0								
61\02	106.38	106.38	0.00	0.0								
62\03	119.08	119.08	0.00	0.0								
62\02	221.01	220.89	0.00	0.1								
62\01	220.89	220.89	0.00	-0.0								
63\03	73.63	73.60	0.00	0.0								
63\02	106.10	106.01	0.00	0.1								
63\01	106.01	106.01	0.00	0.0								
64\03	0.00	0.00	0.00	0.0								
64\02	14.73	14.70	0.00	0.2								
64\01	27.65	27.57	0.00	0.3								
65\02	255.42	255.42	0.00	0.0								
65\01	255.42	255.34	0.00	0.0								
66\02	161.48	161.45	0.00	0.0								
66\01	161.45	161.45	0.00	0.0								
67\02	0.00	0.00	0.00	0.0								
67\01	0.00	0.00	0.00	0.0								
68\02	8.25	7.87	0.00	4.6								
68\01	30.21	30.50	0.00	-0.9								
69\02	35.80	35.65	0.00	0.4								
69\01	70.31	70.26	0.00	0.1								
70\03	199.15	199.17	0.00	-0.0								
70\02	210.85	210.79	0.00	0.0								
71\03	1398.10	1398.08	0.00	0.0								
71\02	1398.09	1398.08	0.00	0.0								
71\01	1398.09	1398.52	0.00	-0.0								
72\02	55.86	55.71	0.00	0.3								
72\01	72.46	72.32	0.00	0.2								
73\04	0.00	-2.39	0.00	0.0								
73\03	-2.39	-5.10	0.00	0.0								
73\02	-5.10	-10.50	2.70	0.0								
73\01	-8.12	-12.47	2.20	0.0								
74\02	129.74	130.67	0.00	-0.7								
74\01	134.09	135.89	0.00	-1.3								
75\02	4.06	4.06	0.00	0.0								
75\01	102.32	102.32	0.00	0.0								
76\02	47.10	47.04	0.00	0.1								
76\01	67.97	67.93	0.00	0.1								
77\01	6.09	6.08	0.00	0.2								
78\08	177.60	177.60	0.00	0.0								
78\07	177.60	177.61	0.00	-0.0								
78\06	277.90	277.92	0.00	-0.0								
78\05	287.31	287.32	0.00	-0.0								
78\04	287.32	287.32	0.00	-0.0								
78\03	287.32	287.31	0.00	0.0								
78\02	296.83	296.83	0.00	-0.0								
78\01	319.43	319.45	0.00	-0.0								
79\03	200.15	200.87	0.00	-0.4								
79\02	211.95	211.91	0.00	0.0								
79\01	432.89	427.89	5.00	-0.0								
80\01	231.30	231.30	0.00	0.0								
81\06	117.43	117.42	0.00	0.0								
81\05	534.45	534.45	0.00	-0.0								
81\04	534.45	534.42	0.00	0.0								
81\03	672.11	672.10	0.00	0.0								
81\02	1100.23	1100.24	0.00	-0.0								
81\01	1180.71	1180.71	0.00	-0.0								
82\01	70.96	70.96	0.00	0.0								
182\01	428.14	428.14	0.00	0.0								
83\03	42.27	42.23	0.00	0.1								
83\02	42.23	42.22	0.00	0.0								
83\01	127.53	127.52	0.00	0.0								
84\01	40.88	40.87	0.00	0.0								
182\03	227.24	227.30	0.00	-0.0								
182\02	357.17	357.17	0.00	-0.0								
85\01	42.91	42.91	0.00	-0.0								
86\03	20.06	20.05	0.00	0.0								
86\02	54.33	54.33	0.00	-0.0								
86\01	86.96	86.96	0.00	-0.0								
87\05	51.16	51.16	0.00	-0.0								
87\04	57.13	57.13	0.00	-0.0								
87\03	57.13	57.11	0.00	0.0								
87\02	57.11	57.10	0.00	0.0								
87\01	70.56	70.56	0.00	0.0								

133\01	50.02	49.99	0.00	0.1								
134-01	833.58	833.59	0.00	-0.0								
134\03	0.00	0.00	0.00	0.0								
134\02	107.27	107.25	0.00	0.0								
135\03	0.00	0.00	0.00	0.0								
135\02	83.15	83.15	0.00	-0.0								
135\01	83.15	83.15	0.00	-0.0								
136\01	9.39	9.39	0.00	0.0								
137\02	1.27	0.42	0.00	67.1								
137\01	830.95	831.79	0.00	-0.1								
138\02	43.80	43.79	0.00	0.0								
138\01	812.76	812.76	0.00	-0.0								
139\04	11042.79	11042.79	0.00	-0.0								
139\03	547.27	547.33	0.00	-0.0								
139\02	763.21	763.25	0.00	-0.0								
139\01	763.25	763.25	0.00	0.0								
140\01	11258.85	11258.67	0.00	0.0								
141\02	0.00	0.00	0.00	0.0								
141\01	105.24	105.24	0.00	-0.0								
145\01	444.71	444.66	0.00	0.0								
144\01	619.87	619.74	0.00	0.0								
142\05	10992.71	10992.62	0.00	0.0								
142\04	165.00	165.01	0.00	-0.0								
142\03	165.01	165.00	0.00	0.0								
142\02	351.74	351.74	0.00	0.0								
142\01	362.14	362.15	0.00	-0.0								
143\01	10872.91	10872.91	0.00	0.0								
144\07	22.09	22.09	0.00	-0.0								
144\06	53.95	53.95	0.00	0.0								
144\05	95.34	95.34	0.00	-0.0								
144\04	115.40	115.40	0.00	-0.0								
144\03	175.32	175.32	0.00	-0.0								
144\02	175.32	175.21	0.00	0.1								
145\04	11536.97	11537.11	0.00	-0.0								
145\03	281.85	281.94	0.00	-0.0								
145\02	339.45	339.47	0.00	-0.0								
146\01	0.00	0.00	0.00	0.0								
147\01	59.92	59.92	0.00	-0.0								
148\02	20.06	20.06	0.00	-0.0								
148\01	20.06	20.06	0.00	-0.0								
149\01	25.26	25.26	0.00	-0.0								
151\02	0.00	0.00	0.00	0.0								
151\01	226.48	226.47	0.00	0.0								
152\01	137.99	137.98	0.00	0.0								
179\01	973.79	973.34	0.00	0.0								
153\03	0.00	0.00	0.00	0.0								
153\02	242.60	242.60	0.00	0.0								
153\01	311.78	311.65	0.00	0.0								
154\03	205.53	205.53	0.00	0.0								
154\02	226.35	226.25	0.00	0.0								
154\01	233.23	232.95	0.00	0.1								
155\02	0.00	0.00	0.00	0.0								
155\01	83.53	83.46	0.00	0.1								
156\02	106.76	106.76	0.00	0.0								
156\01	398.30	398.28	0.00	0.0								
157\01	291.73	291.53	0.00	0.1								
158\01	5.46	4.78	0.00	12.4								
159\01	328.42	328.42	0.00	0.0								
160\02	591.41	591.41	0.00	0.0								
160\01	4026.89	4026.87	0.00	0.0								
161\01	3321.17	3321.16	0.00	0.0								
162\01	3147.32	3147.32	0.00	0.0								
163\01	2982.82	2982.82	0.00	-0.0								
164\01	2823.91	2823.91	0.00	0.0								
165\01	0.00	0.00	0.00	0.0								
166\01	3590.55	3590.49	0.00	0.0								
167\01	0.00	0.00	0.00	0.0								
168\01	138.25	139.37	0.00	-0.8								
169\01	26.66	26.64	0.00	0.1								
170\03	547.53	547.53	0.00	0.0								
171\01	0.76	0.70	0.00	8.4								
172\01	41.26	42.76	0.00	-3.6								
173\01	2.92	2.92	0.00	0.2								
174\01	36.82	36.81	0.00	0.0								
175\01	11.17	11.16	0.00	0.1								
176\01	57.63	57.58	0.00	0.1								
177\01	30.09	30.00	0.00	0.3								
178\01	0.00	0.00	0.00	0.0								
179\02	821.87	821.85	0.00	0.0								
180\02	79.60	79.43	0.00	0.2								
180\01	268.97	268.97	0.00	0.0								
181\01	44.81	44.81	0.00	0.0								
182\09	11.68	11.68	0.00	0.0								
182\08	19.93	19.93	0.00	0.0								
183\02	0.00	0.00	0.00	0.0								
184\01	200.33	200.32	0.00	0.0								
185\01	69.31	69.31	0.00	0.0								
186\02	1.40	0.47	0.00	66.0								
186\01	0.47	0.47	0.00	-0.0								
187\02	741.14	741.14	0.00	0.0								
187\01	741.14	741.14	0.00	-0.0								
188\01	28.06	28.06	0.00	0.0								
189\01	0.00	0.00	0.00	0.0								

190\01	0.00	0.00	0.00	0.0										
191\01	0.00	0.00	0.00	0.0										
192\01	7.74	7.74	0.00	0.1										
197\02	327.36	327.33	0.00	0.0										
197\01	327.33	327.30	0.00	0.0										
193\01	0.00	0.00	0.00	0.0										
194\01	22.22	22.22	0.00	0.0										
195\01	0.00	0.00	0.00	0.0										
196\02	18.41	18.41	0.00	0.0										
196\01	18.41	18.38	0.00	0.1										
197\05	8840.55	8840.62	0.00	-0.0										
197\04	255.82	255.76	0.00	0.0										
197\03	319.62	319.62	0.00	-0.0										
198\02	5376.28	5376.30	0.00	-0.0										
198\01	5125.00	5121.80	0.00	0.1										
199\01	235.74	235.75	0.00	-0.0										
O 1\02	0.00	0.00	0.00	0.0										
O 9\02	9026.39	9026.39	0.00	0.0										
O 11\02	11030.06	11030.06	0.00	0.0										
O 46\02	21434.07	21434.07	0.00	0.0										
O 90\02	0.00	0.00	0.00	0.0										
O 91\02	162.60	162.60	0.00	0.0										
O 126\01	0.00	0.00	0.00	0.0										
O 133\02	0.76	0.76	0.00	0.0										
O 134\02	28.10	28.10	0.00	0.0										
O 137\02	126.59	126.59	0.00	0.0										
4-01	555.69	547.37	8.27	0.0										
3-09	2915.41	2915.52	0.00	-0.0										
3-08	2915.52	2915.52	0.00	0.0										
3-07	2915.52	2915.52	0.00	0.0										
3-06	10378.84	10378.98	0.00	-0.0										
3-05	21204.23	21204.22	0.00	0.0										
3-04	21563.50	21563.53	0.00	-0.0										
3-03	21765.73	21765.61	0.00	0.0										
3-02	21821.71	21821.72	0.00	-0.0										
3-01	23433.38	23433.38	0.00	0.0										
A-02	23433.38	23433.38	0.00	0.0										
A-01	23433.38	23433.38	0.00	0.0										
22-02	10471.66	10471.66	0.00	0.0										
22-01	10825.35	10825.25	0.00	0.0										
23-02	7415.28	7415.28	0.00	0.0										
24-02	21.58	21.44	0.00	0.6										
24A-02	6.98	6.95	0.00	0.5										
24A-01	28.02	27.95	0.00	0.2										
27-02	274.84	274.78	0.00	0.0										
27-01	310.33	310.25	0.00	0.0										
21-01	2583.62	2583.61	0.00	0.0										
30-02	397.73	397.73	0.00	0.0										
30-01	471.54	471.34	0.00	0.0										
21-03	2006.96	2005.97	0.00	0.0										
21-02	2032.49	2031.80	0.00	0.0										
31-02	666.21	666.13	0.00	0.0										
31-01	895.06	895.13	0.00	-0.0										
29-01	1625.61	1626.34	0.00	-0.0										
33-01	169.86	169.85	0.00	0.0										
32-01	431.92	431.75	0.00	0.0										
119-02	0.00	0.00	0.00	0.0										
119-01	0.00	0.00	0.00	0.0										
120-01	654.42	654.42	0.00	0.0										
121-01	805.60	805.52	0.00	0.0										
120A-01	0.00	0.00	0.00	0.0										
119A-01	266.09	266.09	0.00	0.0										
121-06	158.43	158.43	0.00	0.0										
121-05	205.91	205.85	0.00	0.0										
121-04	205.13	205.10	0.00	0.0										
121-03	205.10	205.03	0.00	0.0										
121-02	205.03	205.02	0.00	0.0										
122-02	60.68	60.64	0.00	0.1										
122-01	56.10	56.10	0.00	0.0										
122A-01	0.00	0.00	0.00	0.0										
123-02	202.20	202.20	0.00	0.0										
123-01	202.20	202.21	0.00	-0.0										
124-01	405.10	405.10	0.00	0.0										
124A-02	889.11	888.86	0.00	0.0										
124A-01	358.97	359.28	0.00	-0.1										
125-02	497.64	497.64	0.00	0.0										
125-01	497.64	497.64	0.00	0.0										
127-01	29.45	29.36	0.00	0.3										
132-02	308.49	308.48	0.00	0.0										
132-01	308.48	308.48	0.00	0.0										
N5971	529.90	529.90	0.00	0.0										
3-11	30.92	30.92	0.00	0.0										
3-10	39.93	39.86	0.00	0.2										
29-02	644.67	644.66	0.00	0.0										
32-03	227.36	227.36	0.00	0.0										
32-02	464.63	464.53	0.00	0.0										
21-04	275.86	275.86	0.00	0.0										
28-01	251.74	251.74	0.00	-0.0										
111A\01	187.50	187.50	0.00	0.0										
N1000	0.00	0.00	0.00	0.0										
Dummy 1	1068.27	1068.27	0.00	0.0										
Dummy 3	949.58	949.58	0.00	0.0										
Dummy 2	1218.33	1218.33	0.00	0.0										

N1012	0.00	0.00	0.00	0.0								
N1013	0.00	0.00	0.00	0.0								
200\04	0.00	0.00	0.00	0.0								
200\03	364.70	364.70	0.00	-0.0								
200\02	501.35	501.36	0.00	-0.0								
200\01	492.81	492.81	0.00	0.0								
201\01	152.01	152.00	0.00	0.0								
202\02	62.59	62.58	0.00	0.0								
202\01	128.72	128.67	0.00	0.0								
204\02	277.64	277.60	0.00	0.0								
204\01	236.03	236.03	0.00	0.0								
205\04	315.72	315.72	0.00	0.0								
205\03	315.72	315.72	0.00	-0.0								
205\02	332.18	332.13	0.00	0.0								
205\01	330.58	330.58	0.00	0.0								
206\03	6363.08	6363.07	0.00	0.0								
206\02	6363.08	6363.06	0.00	0.0								
206\01	6650.64	6650.58	0.00	0.0								
208\02	15671.28	15671.38	0.00	-0.0								
208\01	12169.34	12169.34	0.00	0.0								
207\02	20.06	20.06	0.00	0.0								
207\01	48.75	48.75	0.00	-0.0								
208\04	5991.91	5991.91	0.00	0.0								
208\03	8972.42	8972.35	0.00	0.0								
209\17	16.12	16.12	0.00	0.0								
209\16	39.74	39.72	0.00	0.0								
209\15	145.53	145.44	0.00	0.1								
209\14	264.72	264.62	0.00	0.0								
209\13	415.83	415.47	0.00	0.1								
209\12	500.83	500.44	0.00	0.1								
209\11	1006.55	1006.33	0.00	0.0								
209\10	1544.39	1545.02	0.00	-0.0								
209\09	1605.02	1605.52	0.00	-0.0								
209\08	1664.46	1664.12	0.00	0.0								
209\07	1746.22	1746.41	0.00	-0.0								
209\06	1854.60	1854.84	0.00	-0.0								
209\05	1903.68	1905.96	0.00	-0.1								
209\04	2643.45	2643.24	0.00	0.0								
209\03	2956.21	2963.92	0.00	-0.3								
209\02	2967.08	2967.11	0.00	-0.0								
209\01	2973.96	2973.90	0.00	0.0								
210\05	57.25	57.23	0.00	0.0								
210\04	166.97	166.90	0.00	0.0								
210\03	158.91	158.91	0.00	-0.0								
210\02	158.91	158.91	0.00	0.0								
210\01	158.91	158.91	0.00	0.0								
211\03	140.41	140.37	0.00	0.0								
211\02	346.67	346.65	0.00	0.0								
211\01	345.43	345.41	0.00	0.0								
212\01	48.88	48.84	0.00	0.1								
213\07	25.26	25.26	0.00	0.0								
213\06	90.51	90.44	0.00	0.1								
213\05	123.32	123.18	0.00	0.1								
213\04	200.49	200.37	0.00	0.1								
213\03	278.95	278.84	0.00	0.0								
213\02	518.90	518.78	0.00	0.0								
213\01	536.43	536.41	0.00	0.0								
214\02	60.43	60.42	0.00	0.0								
214\01	59.41	59.55	0.00	-0.2								
215\01	298.33	298.32	0.00	0.0								
216\01	43.93	43.93	0.00	0.0								
217\01	114.55	114.52	0.00	0.0								
218\01	85.72	85.69	0.00	0.0								
219\01	67.28	67.25	0.00	0.1								
220\02	49.51	49.46	0.00	0.1								
220\01	49.46	49.36	0.00	0.2								
221\01	53.95	53.95	0.00	0.0								
O 200\02	8.54	8.54	0.00	0.0								
O 201\01	15.35	15.35	0.00	0.0								
O 205\03	53.24	53.24	0.00	0.0								
O 205\02	1.55	1.55	0.00	0.0								
O 208\02	3501.67	3501.67	0.00	0.0								
O 210\05	1.60	1.60	0.00	0.0								
N1085	96.61	96.61	0.00	0.0								
N1086	96.61	96.61	0.00	0.0								
N1092	58.78	58.78	0.00	0.0								
N1094	58.78	58.78	0.00	0.0								
N1095	51.29	51.29	0.00	0.0								
N1096	118.82	118.82	0.00	0.0								
N1097	118.82	118.82	0.00	0.0								
N1099	119.08	119.08	0.00	0.0								
N1100	119.08	119.08	0.00	0.0								
N1101	47.35	47.35	0.00	0.0								
N1102	47.35	47.35	0.00	0.0								
N1103	10.16	10.16	0.00	0.0								
N1104	10.16	10.16	0.00	0.0								
N1105	11.68	11.68	0.00	0.0								
N1106	11.68	11.68	0.00	0.0								
N1107	68.04	68.04	0.00	0.0								
N1108	68.04	68.04	0.00	0.0								
N1109	264.05	264.05	0.00	0.0								
N1110	264.05	264.05	0.00	0.0								
N1111	51.29	51.29	0.00	0.0								

N1498	19761.01	19761.01	0.00	0.0								
46\10 weir	0.00	0.00	0.00	0.0								
Dummy DQ 1	393.92	393.92	0.00	0.0								
Dummy DQ 2	403.44	403.44	0.00	0.0								
Pit1483	13634.89	13634.89	0.00	0.0								
N1622	8240.65	8240.65	0.00	0.0								
N1703	19761.01	19761.01	0.00	0.0								
N1704	0.00	0.00	0.00	0.0								
N1705	36.78	36.78	0.00	0.0								
N1706	0.00	0.00	0.00	0.0								
N1707	0.00	0.00	0.00	0.0								
N1708	529.34	529.34	0.00	-0.0								
N1709	0.00	0.00	0.00	0.0								
N1710	0.00	0.00	0.00	0.0								
N1711	0.00	0.00	0.00	0.0								
N1712	0.00	0.00	0.00	0.0								
N1713	0.00	0.00	0.00	0.0								
N1714	9.02	9.02	0.00	0.0								
N1715	36.78	36.78	0.00	0.0								
N1716	0.00	0.00	0.00	0.0								
N1717	9.02	9.02	0.00	0.0								
N1718	16680.50	16680.50	0.00	0.0								
N1719	20290.35	20290.34	0.00	0.0								
N1720	36970.83	36970.86	0.00	-0.0								
N1721	45.80	45.80	0.00	-0.0								
N1722	37016.65	37016.65	0.00	0.0								
N1723	0.00	0.00	0.00	0.0								
N1724	1.31	1.31	0.00	0.0								
N1725	3575.24	3575.24	0.00	0.0								
N1726	0.71	0.71	0.00	0.0								
N1727	117.30	117.30	0.00	0.0								
N1728	4.22	4.22	0.00	0.0								
N1729	426.04	426.04	0.00	0.0								
Pit1563	81.50	81.50	0.00	0.0								
N1780	13018.18	13018.18	0.00	0.0								
Run Log for AA004399 run at 14:36:29 on 28/2/2013Water was lost from the system at 19\04.												
Is this correct? If this water re-enters the system further downstream you should draw an overflow route from this location.												
Upwelling occurred at more than 20 pits.												
Freeboard was inadequate at more than 20 pits.												
The maximum flow exceeded the safe value in the following overflow routes: OF1278, OF1272, OF1231, OF1207, OF1178, OF1177, OF1176, OF1175, OF1172, OF1125, OF1120, OF1110.												
The following overflow routes carried water uphill (adding energy): OF1057, F 202\01, F 206\03, F 206\02, F 208\03, F 209\10, F 209\04, F 209\03, F 209\02, F 209\01, F 210\04, F 211\02, F												
These results may be invalid. You should check for water flowing round in circles at these locations. You may need to reformulate the model.												

APPENDIX G3

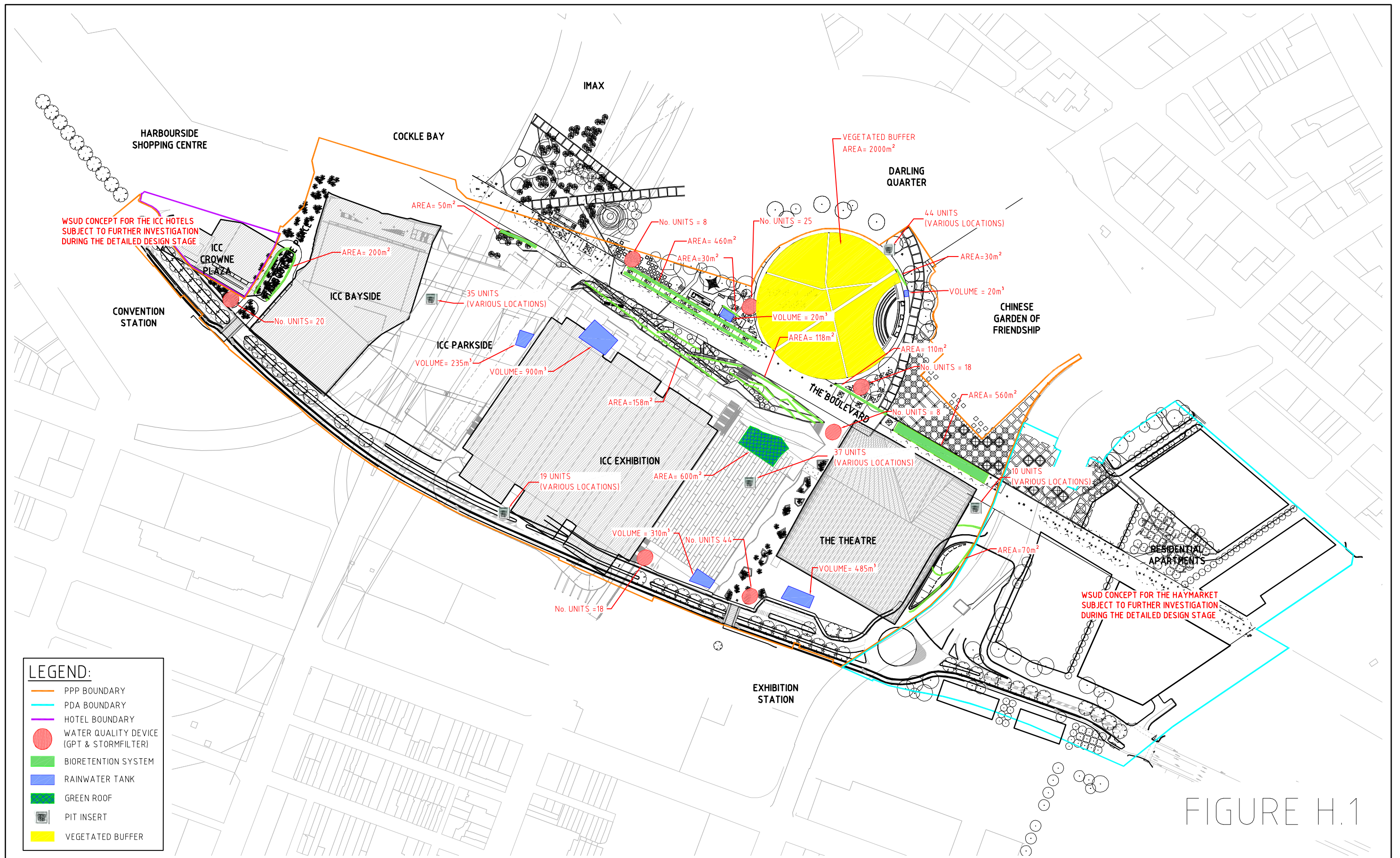
SYDNEY ENTERTAINMENT CENTRE CARPARK

APPENDIX H

MUSIC MODELLING & WSUD

H.1 Proposed Development SICEEP PPP Stormwater Quality Management Strategy (Practical Treatment Scenario)

The treatment elements included in the proposed Stormwater Quality Management Strategy for the Proposed SICEEP PPP Development under the Practical Treatment Scenario are shown in Figure H.1.



P1	ISSUE FOR DEVELOPMENT APPLICATION	4/03/13
Issue	Description	Date

0 25 50 75 100 125m

1 : 1250



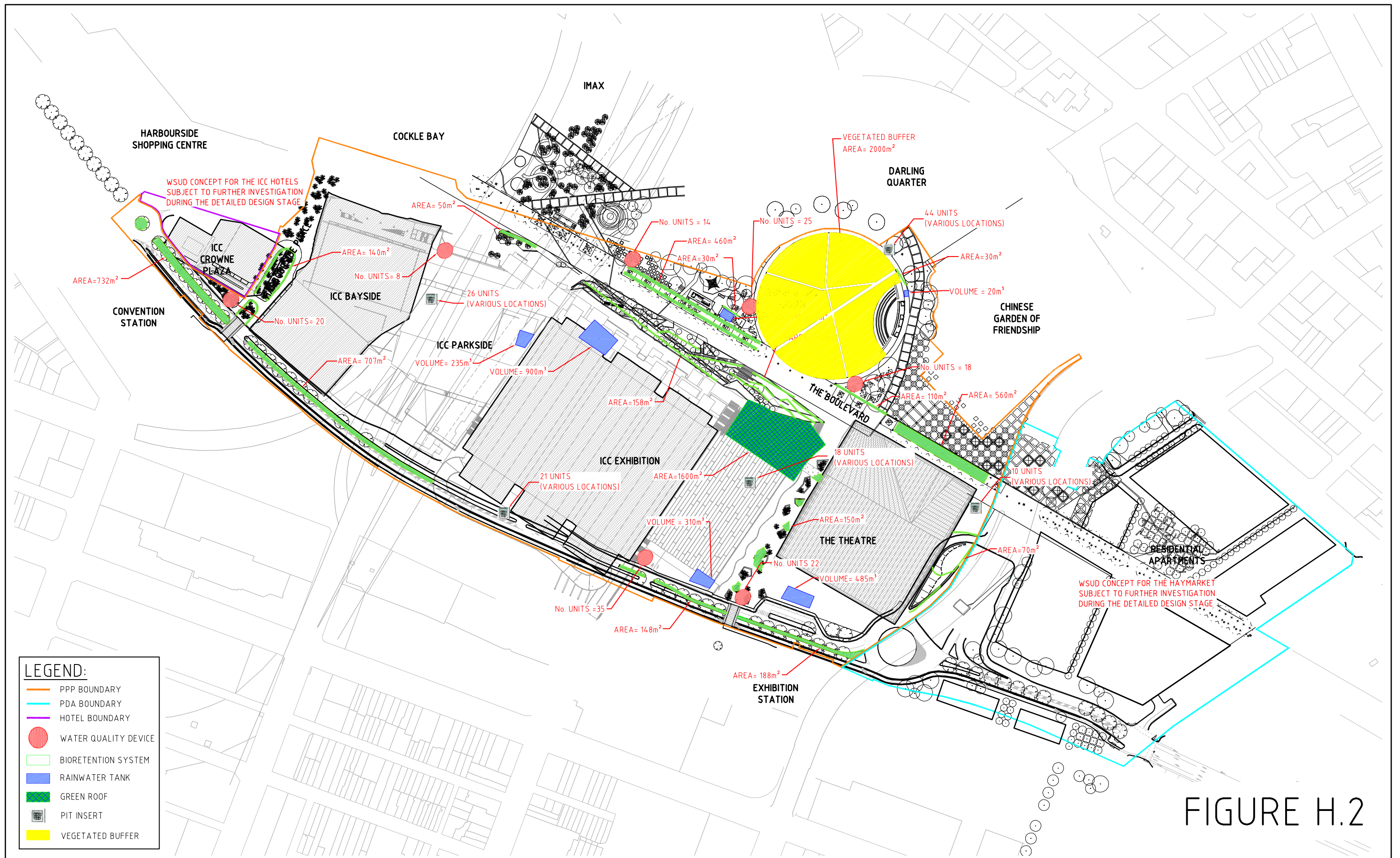
Status	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION	
Scales	1:1250	Current Issue Signatures
Original Size	A1	Drawn AN
Height Datum	AHD	Designed GD
Grid		Checked ER
Filename:		Approved

Project	SICEEP DARLING HARBOUR PROJECT PRECINCT	
Title	STORMWATER QUALITY MANAGEMENT STRATEGY (PRACTICAL TREATMENT SCENARIO)	

HYDER CONSULTING PTY LTD ABN 76 104 485 289 Level 5, 141 Walker St North Sydney NSW 2060 Australia Tel: +61 (0)2 8907 9000 Fax: +61 (0)2 8907 9001 www.hyderconsulting.com © Copyright reserved		
Drawing No.	Project No.	Issue
SKC288	AA004399	P1

H.2 Proposed Development SICEEP PPP Stormwater Quality Management Strategy (Desirable Treatment Scenario)

The treatment elements included in the Stormwater Quality Management Strategy for the Proposed SICEEP PPP Development under the Desired Treatment Scenario are shown in Figure H.2.



P1	ISSUE FOR DEVELOPMENT APPLICATION	4/03/13
Issue	Description	Date

0 25 50 75 100 125m

1 : 1250



Status	PRELIMINARY NOT TO BE USED FOR CONSTRUCTION	
Scales	1:1250	Current Issue Signatures
Original Size	A1	Drawn AN
Height Datum	AHD	Designed GD
Grid		Checked ER
Filename:		Approved

Project	SICEEP DARLING HARBOUR PROJECT PRECINCT	
Title	STORMWATER QUALITY MANAGEMENT STRATEGY (DESIRABLE TREATMENT SCENARIO)	

HYDER CONSULTING PTY LTD ABN 76 104 485 289 Level 5, 141 Walker St North Sydney NSW 2060 Australia Tel: +61 (0)2 8907 9000 Fax: +61 (0)2 8907 9001 www.hyderconsulting.com © Copyright reserved		
Drawing No.	Project No.	Issue
SKC286	AA004399	P1

Date Plotted: 15 Mar 2013 - 03:47PM File Name: C:\Users\gdazz2672\Desktop\SKC286-AA004399-NSX-00-H2NOPDA.dwg V1

H.3 Existing SICEEP PPP MUSIC Model

The land use components and percentage imperviousness of the PPP site under existing conditions are summarised in Table H.1. The MUSIC model for this scenario is shown in Figure H.3.

Table H.1 Component land uses and percentage imperviousness of the PPP site

Subcatchment	Pervious (ha)	Roads (ha)	Flyovers (ha)	Roofs (ha)	General Urban (ha)	Total Imp (ha)	Total Area (ha)	% Imp
PPP	1.439	1.415	1.374	4.587	4.157	11.533	12.972	89%

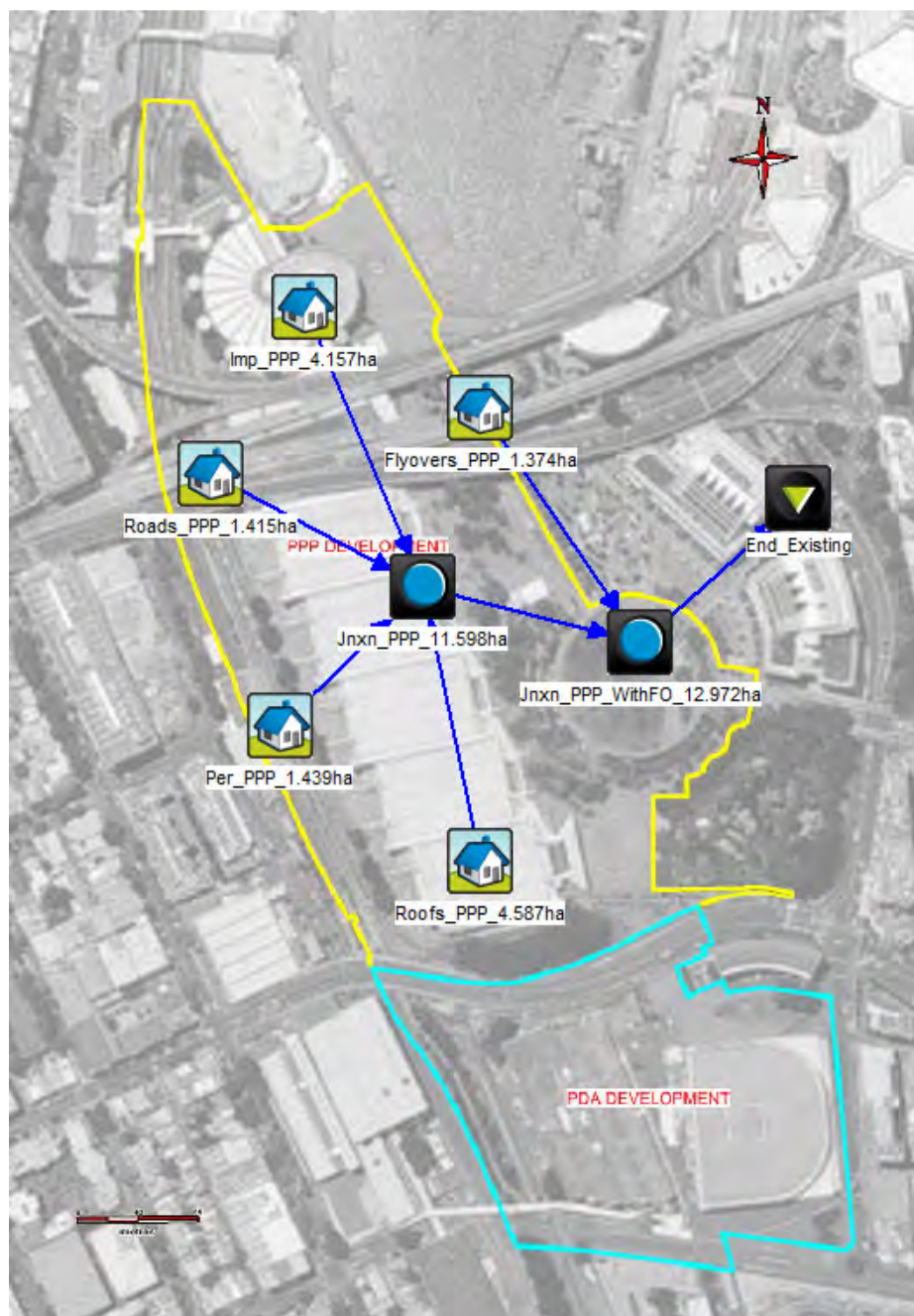


Figure H.3 MUSIC model for the PPP site under Existing conditions.

H.4 Proposed Development SICEEP PPP MUSIC Model (Base Scenario)

The land use components and percentage imperviousness of the PPP site under proposed development conditions are summarised in Table H.2. The MUSIC model for this scenario is shown in Figure H.4.

Table H.2 Component land uses and percentage imperviousness of the PPP site

Subcatchment	Pervious (ha)	Roads (ha)	Flyovers (ha)	Roofs (ha)	General Urban (ha)	Total Imp (ha)	Total Area (ha)	% Imp
PPP	1.998	1.617	1.374	4.337	3.646	10.974	12.972	85%

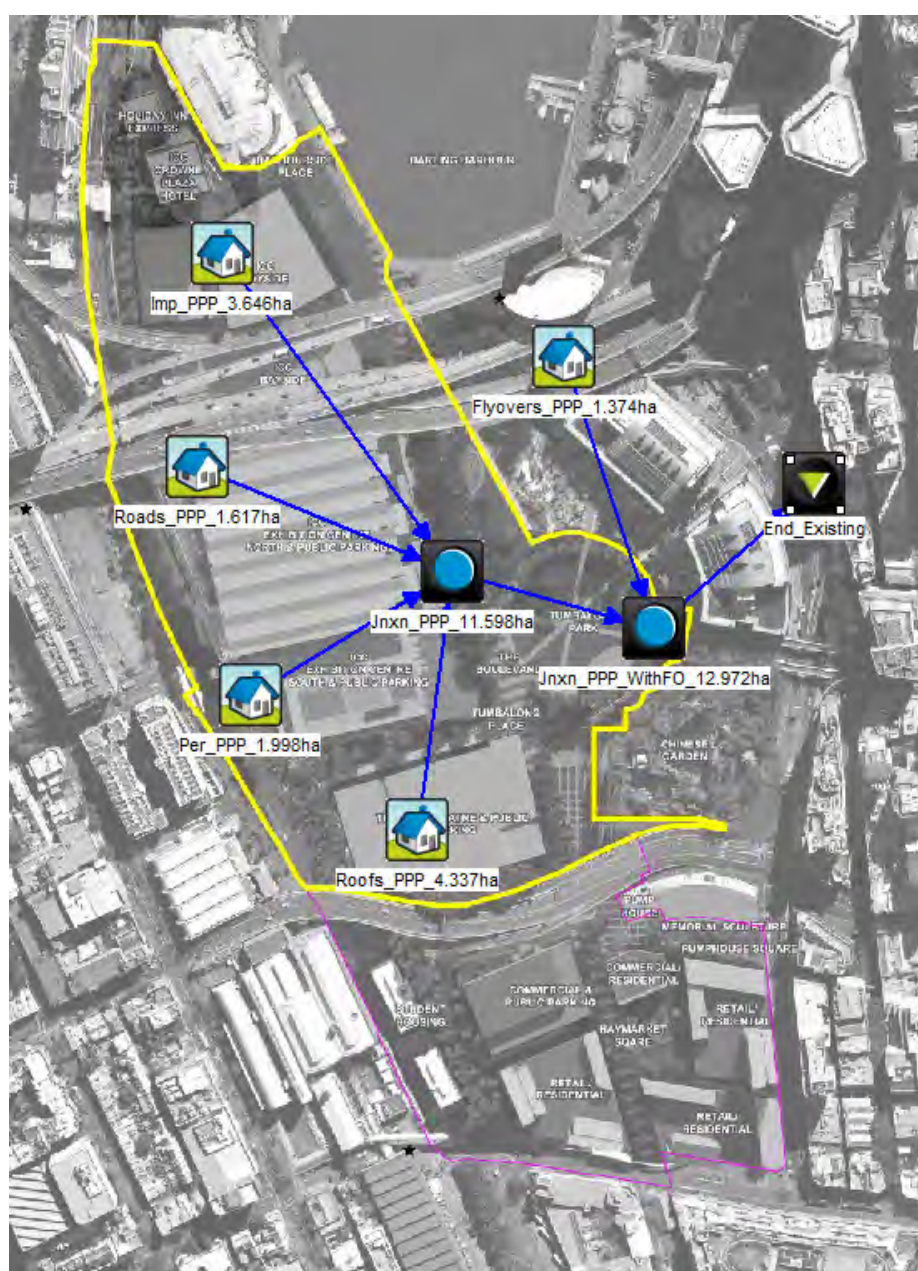


Figure H.4 MUSIC model for the PPP site under Proposed Development conditions.

H.5 Proposed Development SICEEP PPP Subcatchments

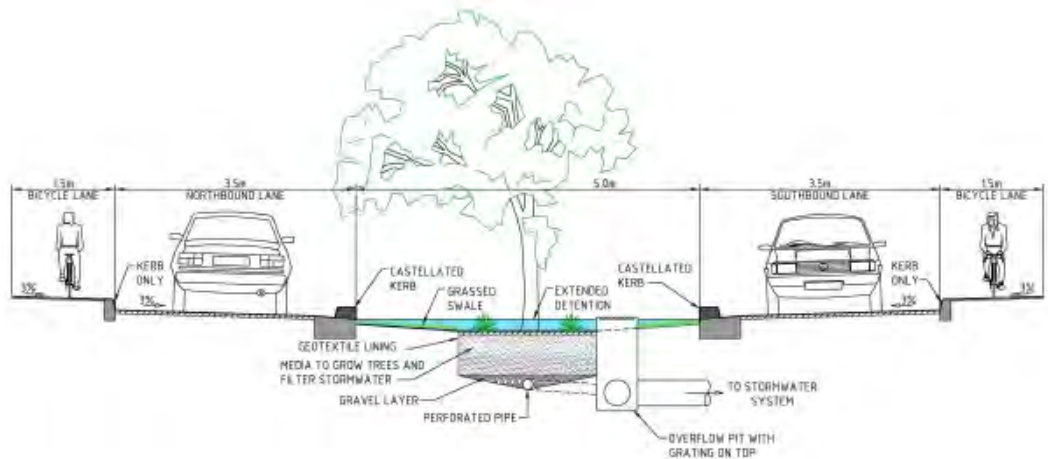
Percentage Imperviousness

Subcatchment	Area (ha)	Pervious Area (ha)	Impervious Areas (ha)				% Impervious
			Roads & Flyovers	Roofs	Other Impervious	Total Impervious	
Bayside	4.410	0.168	1.981	1.255	1.006	4.242	96%
North Exhibition	2.780	0.168	0.482	1.971	0.159	2.612	94%
South Exhibition	1.639	0.279	0.185	0.126	1.049	1.360	83%
The Theatre	1.734	0.175	0.343	0.985	0.231	1.559	90%
Tumbalong Park	2.409	1.208	0.000	0.000	1.201	1.201	50%
Entire SICEEP PPP Site	12.972	1.836	2.991	4.337	3.808	11.136	85%

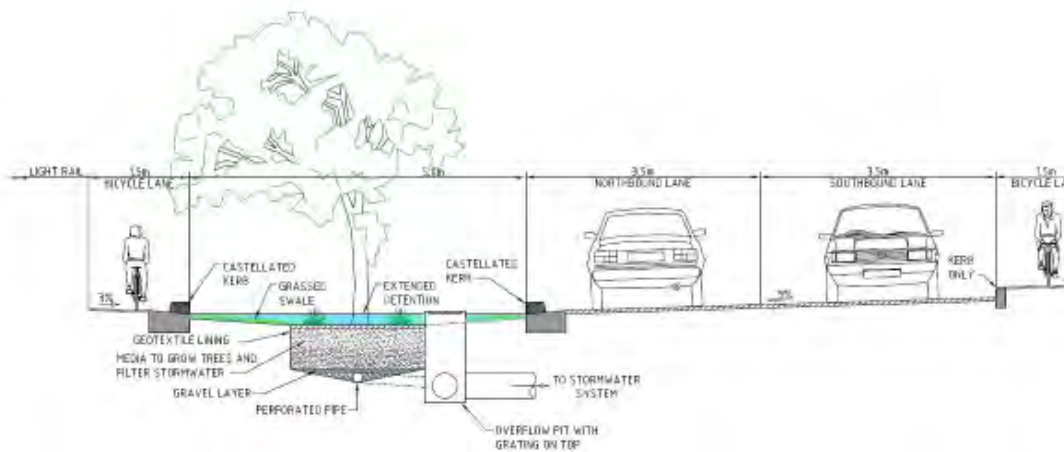
H.6 Proposed Development SICEEP PPP MUSIC Model (Desirable Treatment Scenario)

H.6.1 Darling Drive Bioretention Concept

In Figure H.5 are typical sections of Darling Drive showing medians or roadside areas as bioretention strips.



(a) Median Treatment



(b) Edge Treatment

Figure H.5 Typical sections of Darling Drive showing (a) Median Treatment and (b) Edge Treatment options for road drainage and WSUD strategy.

H.6.2 Desirable Treatment Scenario MUSIC Modelling and Results

The MUSIC models developed for all SICEEP PPP subcatchments for the Desirable Treatment Scenario are shown in Figures H.6 to H.10.

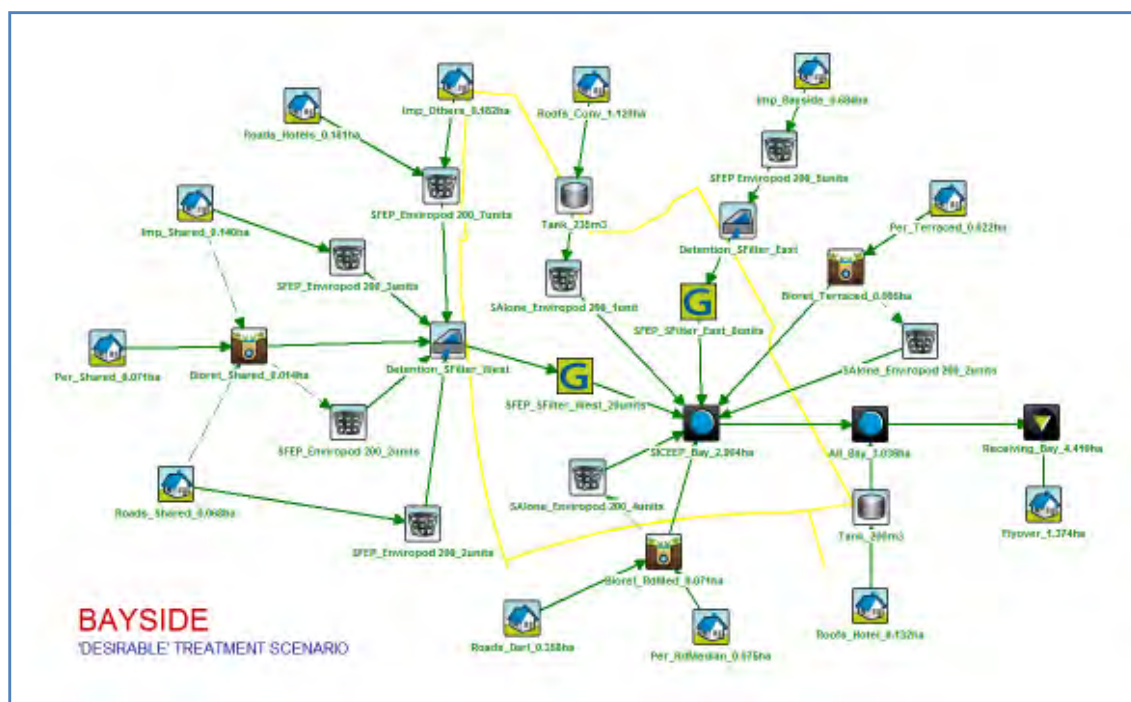


Figure H.6 MUSIC model layout for the Bayside subcatchment

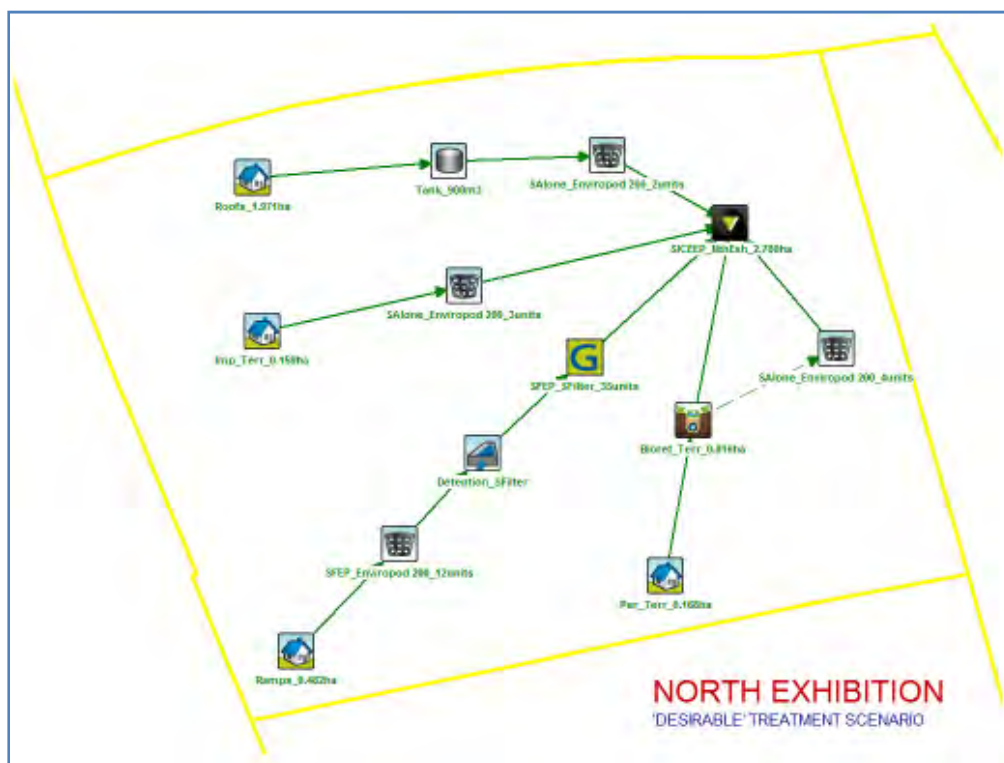


Figure H.7 MUSIC model layout for the North Exhibition subcatchment