

APPENDIX C
SWMM MODELS

Florin Creek Pipe System Summary - 10 Year

Link Name	Upstream Node Name	Downstream Node Name	Shape	Roughness	Diameter	Length	Conduit Slope (%)	Upstream Invert Elevation	Upstream Ground Elevation	Upstream HGL	Downstream Invert Elevation	Downstream Ground Elevation	Downstream HGL
LE6-11.1	E6-11	E6-15	Circular	0.015	2	390	0.41	49.71	56	53.723	48.11	54	53.507
LE6-15.1	E6-15	MH7-5	Circular	0.015	3	1690	0.24	47.11	54	53.507	43.07	52	50.116
LMH7-5.1	MH7-5	MH7-5	Circular	0.015	4	660	0.2	42.07	52	50.116	40.78	52	47.618
LMH7-2	MH7-2	MH6DET	Circular	0.015	4	440	0.16	40.78	52	47.618	40.06	49	44.798
LE6-5.1	E6-5	E6-2	Circular	0.015	2.5	640	0.3	46.49	56	55.389	44.57	52	51.524
LE6-2.1	E6-2	MH7-3	Circular	0.015	3	1150	0.24	44.07	52	51.524	41.31	50	45.964
LMH7-3.1	MH7-3	MH6DET	Circular	0.015	3.5	310	0.24	40.81	50	45.964	40.06	49	44.798
LMH6-5.1	MH6-5	MH6DET	Circular	0.015	2	570	0.41	42.41	52	51.355	37.93	50	43.193
LMH6DET	MH6DET	MH4-9	Circular	0.015	5	1350	0.12	39.56	49	44.798	37.93	49	44.798
LMH4-9	MH4-9	MH4-7	Circular	0.015	5	1050	0.12	37.93	50	43.193	36.66	46	42.023
LSWATT	SWATTD	MH4-7	Circular	0.015	5	70	0.11	36.74	46	42.024	36.66	46	42.023
LMH4-7	MH4-7	MH0-7	Circular	0.015	5	230	0.12	36.66	46	42.023	36.38	46	41.774
LMH3-15.1	MH3-15	MH3-11	Circular	0.015	2.5	920	0.12	41.67	47	46.607	40.58	47	45.744
LMH3-11.1	MH3-11	MH1-51	Circular	0.015	3	170	0.14	40.08	47	45.744	39.85	47	44.989
LMH1-51.1	MH1-51	MH1-55	Circular	0.015	4	450	0.09	38.85	47	44.989	38.43	46	44.103
LMH1-55.1	MH1-55	MH1-53	Circular	0.015	4	460	0.09	38.43	46	44.103	38.01	45	42.356
LMH1-53	MH1-53	MH0-7	Circular	0.015	4.5	690	0.09	37.51	45	42.356	36.88	46	41.774
LMH0-7	MH0-7	MH2-3	Circular	0.015	5	1400	0.07	36.38	46	41.774	35.43	44	39.773
LMH2-3	MH2-3	MH2-1	Circular	0.015	5	520	0.07	35.43	44	39.773	35.07	44	38.856
LMH2-1	MH2-1	DETF4C	Circular	0.015	5	60	0.12	35.07	44	38.856	35	42	38.727
LMH1-37.1	MH1-37	MH1-25	Circular	0.015	3	700	0.17	38.69	44	43.673	37.48	44	43.329
LMH1-25.1	MH1-25	MH1-23	Circular	0.015	3	490	0.17	37.48	44	43.329	36.64	42	41.435
LMH1-23.1	MH1-23	MH1-7	Circular	0.015	4	740	0.05	35.64	42	41.435	35.28	42	40.416
LMH1-7.1	MH1-7	DETF4C	Circular	0.015	4	580	0.05	35.28	42	40.416	35	42	38.727
LSC2R71	SC2R71	SC2R67	Circular	0.015	4	50	0.1	39.51	48	43.726	39.46	52	43.715
LSC2R67	SC2R67	SC2R65	Circular	0.015	4	429.94	0.054	39.46	52	43.715	39.18	50	43.538
LSC2R65	SC2R65	SC2R61	Circular	0.015	4	1093.25	0.054	39.18	50	43.538	38.48	47.1	42.946
LSC2R61	SC2R61	SC2R57	Circular	0.015	4	127	0.04	38.48	47.1	42.946	38.43	45.81	42.849
LSC2R57	SC2R57	SC2R55	Circular	0.015	4	213.2	0.14	38.43	45.81	42.849	37.56	45.81	42.763
LSC2R55	SC2R55	SC2R51	Circular	0.015	4	213.2	0.07	37.56	45.81	42.763	37.41	45.81	42.55
LSC2R51	SC2R51	SC2R49	Circular	0.015	4	216.3	0.18	37.41	45.81	42.55	37.02	45.56	42.036
LSC2R49	SC2R49	SC2R47	Circular	0.015	4	546	0.13	37.02	45.56	42.036	36.31	44.85	40.803
LSC2R47	SC2R47	SC2R45	Circular	0.015	4	471	0.221	36.31	44.85	40.803	35.27	43.95	39.488
LSC2R45	SC2R45	SC2R37	Circular	0.015	5.5	480.2	0.19	34.27	43.95	39.488	33.36	43.35	39.222
LSC2R37	SC2R37	WQDETSC2	Circular	0.015	5.5	267.33	0.041	33.36	43.35	39.222	33.25	44	39.047
LWQDETSC2	DETS2OUT	SCR37	Circular	0.015	5.5	267.33	0.03	33.25	44	38.911	33.14	43.35	38.743
LSCR37	SCR37	SC2R27	Circular	0.015	5.5	553.8	0.11	33.14	43.35	38.743	32.53	42.4	38.419
LSC2R27	SC2R27	SC2R26	Circular	0.015	5.5	46.34	0.45	32.53	42.4	38.419	32.32	42.4	38.388
LSC2R26	SC2R26	SC2R19	Circular	0.015	5.5	451.1	0.06	32.32	42.4	38.388	32.16	42.6	38.094
LSC2R19	SC2R19	SC2R18	Circular	0.015	5.5	33	0.152	32.16	42.6	38.094	32.11	42.5	38.065
LSC2R18	SC2R18	SC2R17	Circular	0.015	5.5	420	0.143	32.11	42.5	38.065	31.51	42.2	37.707
LSC2R17	SC2R17	SC2R15	Circular	0.015	5.5	430	0.067	31.51	42.2	37.707	31.22	39.97	37.312
LSC2R15	SC2R15	SC2ROUT	Circular	0.015	5.5	162	0.12	31.22	39.97	37.312	31.1	40	37.107

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LE6-11.1	E6-11	E6-15	Circular	0.015	2	390	0.41	49.71	56	53.934	48.11	54	53.828
LE6-15.1	E6-15	MH7-5	Circular	0.015	3	1690	0.24	47.11	54	53.828	43.07	52	51.871
LMH7-5.1	MH7-5	MH7-2	Circular	0.015	4	660	0.2	42.07	52	51.871	40.78	52	50.531
LMH7-2	MH7-2	MH6DET	Circular	0.015	4	440	0.16	40.78	52	50.531	40.06	49	47.947
LE6-5.1	E6-5	E6-2	Circular	0.015	2.5	640	0.3	46.49	56	55.536	44.57	52	51.81
LE6-2.1	E6-2	MH7-3	Circular	0.015	3	1150	0.24	44.07	52	51.81	41.31	50	49.377
LMH7-3.1	MH7-3	MH6DET	Circular	0.015	3.5	310	0.24	40.81	50	49.377	40.06	49	47.947
LMH6-5.1	MH6-5	MH6DET	Circular	0.015	2	570	0.41	42.41	52	51.494	40.06	49	47.947
LMH6DET	MH6DET	MH4-9	Circular	0.015	5	1350	0.12	39.56	49	47.947	37.93	50	45.864
LMH4-9	MH4-9	MH4-7	Circular	0.015	5	1050	0.12	37.93	50	45.864	36.66	46	44.287
LSWATT	SWATTD	MH4-7	Circular	0.015	5	70	0.11	36.74	46	44.289	36.66	46	44.287
LMH4-7	MH4-7	MH0-7	Circular	0.015	5	230	0.12	36.66	46	44.287	36.38	46	43.917
LMH3-15.1	MH3-15	MH3-11	Circular	0.015	2.5	920	0.14	41.67	47	46.994	40.58	47	46.757
LMH3-11.1	MH3-11	MH1-51	Circular	0.015	3	170	0.12	40.08	47	46.757	39.85	47	46.425
LMH1-51.1	MH1-51	MH1-55	Circular	0.015	4	450	0.09	38.85	47	46.425	38.43	46	45.508
LMH1-55.1	MH1-55	MH1-53	Circular	0.015	4	480	0.09	38.43	46	45.508	38.01	45	44.414
LMH1-53	MH1-53	MH0-7	Circular	0.015	4.5	690	0.07	37.51	45	44.414	36.88	46	43.917
LMH0-7	MH0-7	MH2-3	Circular	0.015	5	1400	0.07	36.38	46	43.917	35.43	44	40.855
LMH2-3	MH2-3	MH2-1	Circular	0.015	5	520	0.07	35.43	44	40.855	35.07	44	39.593
LMH2-1	MH2-1	DETF4C	Circular	0.015	5	60	0.12	35.07	44	39.593	35	42	39.445
LMH1-37.1	MH1-37	MH1-25	Circular	0.015	3	700	0.17	38.69	44	43.926	37.48	44	43.582
LMH1-25.1	MH1-25	MH1-23	Circular	0.015	3	490	0.17	37.48	44	43.582	36.64	42	41.987
LMH1-23.1	MH1-23	MH1-7	Circular	0.015	4	740	0.05	35.64	42	41.987	35.28	42	41.652
LMH1-7.1	MH1-7	DETF4C	Circular	0.015	4	580	0.05	35.28	42	41.652	35	42	39.445
LSC2R71	SC2R71	SC2R67	Circular	0.015	4	50	0.1	39.51	48	46.65	39.46	52	46.635
LSC2R67	SC2R67	SC2R65	Circular	0.015	4	429.94	0.064	39.46	52	46.635	39.18	50	46.406
LSC2R65	SC2R65	SC2R61	Circular	0.015	4	1093.25	0.064	39.18	50	46.406	38.48	47.1	45.805
LSC2R61	SC2R61	SC2R57	Circular	0.015	4	127	0.04	38.48	47.1	45.805	38.43	45.81	45.77
LSC2R57	SC2R57	SC2R55	Circular	0.015	4	213.2	0.14	38.43	45.81	45.77	37.56	45.81	45.713
LSC2R55	SC2R55	SC2R51	Circular	0.015	4	213.2	0.07	37.56	45.81	45.713	37.41	45.81	45.444
LSC2R51	SC2R51	SC2R49	Circular	0.015	4	216.3	0.18	37.41	45.81	45.444	37.02	45.56	44.729
LSC2R49	SC2R49	SC2R47	Circular	0.015	4	546	0.13	37.02	45.56	44.729	36.31	44.85	43.071
LSC2R47	SC2R47	SC2R45	Circular	0.015	4	471	0.221	36.31	44.85	43.071	35.27	43.95	41.005
LSC2R45	SC2R45	SC2R37	Circular	0.015	5.5	480.2	0.19	34.27	43.95	41.005	33.36	43.35	40.548
LSC2R37	SC2R37	WQDETS2	Circular	0.015	5.5	267.33	0.041	33.36	43.35	40.548	33.25	44	40.289
LWQDETS2	DETS2OUT	SCR37	Circular	0.015	5.5	267.33	0.03	33.25	44	40.186	33.14	43.35	40.306
SCR37	SCR37	SC2R27	Circular	0.015	5.5	553.8	0.11	33.14	43.35	40.306	32.53	42.4	39.608
SC2R27	SC2R27	SC2R26	Circular	0.015	5.5	46.34	0.45	32.53	42.4	39.608	32.32	42.4	39.588
SC2R26	SC2R26	SC2R19	Circular	0.015	5.5	451.1	0.06	32.32	42.4	39.588	32.16	42.6	39.135
SC2R19	SC2R19	SC2R18	Circular	0.015	5.5	33	0.152	32.16	42.6	39.135	32.11	42.5	39.075
SC2R18	SC2R18	SC2R17	Circular	0.015	5.5	420	0.143	32.11	42.5	39.075	31.51	42.2	38.585
SC2R17	SC2R17	SC2R15	Circular	0.015	5.5	430	0.067	31.51	42.2	38.585	31.22	39.97	37.802
SC2R15	SC2R15	SC2ROUT	Circular	0.015	5.5	162	0.12	31.22	39.97	37.802	31.1	40	37.498