

UPSTREAM STATION	DNSTREAM STATION	LENGTH	AREA	AREA	COEFF.	INCR.	ACCUM.	TIME AT STATION	STORM FREQUENCY	INTENSITY	RUNOFF	PIPE SIZE	VELOCITY	PIPE CHANGE	INLET	FLOW TIME	TIME AT STATION	CHANGE	HYDRAULIC HEAD	VELOCITY
STATION	STATION		(ACRES)	"	"	"	"	(MIN)	(YEARS)	(MMR)	(CFS)	(IN)	(FPS)			(MIN)	(MIN)	(PRESSURE FLOW)	(FEET)	(FEET)
LINE A																				
620.78	278.07	64.88	A-3	0.91	0.50	0.46	0.02	10.00	100	9.00	4.8	0.018	18	2.52	1.15		14.24	1.15	0.10	
686.33	278.87	286.40	A-2	1.02	0.50	0.51	0.07	14.24	100	8.98	8.7	0.008	18	4.80	1.94	0.27	18.21	0.27	0.37	
278.87	120.00	120.00	LINE B	3.68	0.50	1.84	2.84	15.21	100	8.78	24.7	0.018	24	7.85	1.82	-0.01	15.21	-0.01	0.84	
120.00	120.00	0.00		0.00	2.81	15.09	100	8.70	100	8.70	24.5	0.017	24	7.70	0.00	0.00	15.09	0.00	0.84	
120.00	72.11	47.89		0.00	2.81	15.09	100	8.70	100	8.70	24.5	0.017	24	7.70	0.58	0.10	15.09	0.58	0.84	
72.11	68.11	4.00		0.00	2.81	15.09	100	8.71	100	8.71	24.4	0.021	30	4.11	0.09	0.22	15.07	0.09	0.28	
68.11	0.00	68.11	A-4	1.04	0.50	0.52	0.02	15.07	100	8.70	28.0	0.030	30	4.87	0.20	0.41	15.00	0.20	0.37	
*Area adjusted to accommodate bypass																				
LAT A-1																				
12.02	0.00	12.02	A-1	1.04	0.50	0.52	0.02	10.00	100	8.80	5.1	0.022	18	2.88	0.93	0.07	10.07	0.07	0.19	
*Area adjusted to accommodate bypass																				
LAT A-2																				
7.51	0.00	7.51	A-2	1.02	0.50	0.51	0.01	10.00	100	8.80	5.0	0.022	18	2.85	0.82	0.04	10.04	0.04	0.12	
*Area adjusted to accommodate bypass																				
LAT A-3																				
7.52	0.00	7.52	A-3	0.91	0.50	0.46	0.02	10.00	100	8.80	4.5	0.018	18	2.82	0.81	0.05	10.05	0.05	0.10	
*Area adjusted to accommodate bypass																				
LINE B																				
215.87	86.38	130.28	B-2	1.84	0.50	0.92	0.92	10.00	100	9.00	9.0	0.073	18	5.10	0.98	0.43	10.43	0.98	0.40	
86.38	0.00	86.38	B-1	1.84	0.50	0.92	1.84	10.43	100	9.72	17.8	0.028	18	10.12	2.48	1.19	10.12	2.48	1.58	
*Area adjusted to accommodate bypass																				
LAT B-1																				
18.79	0.00	18.79	B-1	1.84	0.50	0.92	0.92	10.00	100	9.00	9.0	0.073	18	5.10	0.12	0.68	10.85	0.12	0.40	
*Area adjusted to accommodate bypass																				
LAT B-2																				
16.75	0.00	16.75	B-2	1.84	0.50	0.92	0.92	10.00	100	9.00	9.0	0.073	18	5.10	0.12	0.65	10.85	0.12	0.40	
*Area adjusted to accommodate bypass																				
LINE C																				
84.17	28.68	67.81	C	0.34	0.50	0.17	0.17	10.00	100	8.80	1.7	0.001	24	0.53	0.00	1.81	11.81	0.00	0.00	
28.68	23.68	5.00		0.00	0.17	11.81	100	8.45	1.8	0.000	27	0.40	0.00	0.00	0.00	0.12	11.88	0.00	0.00	
23.68	0.00	23.68	C-1	0.12	0.50	0.06	0.23	11.83	100	8.43	2.2	0.000	27	0.55	0.00	0.00	12.00	0.00	0.00	
*Area adjusted to accommodate bypass																				
LAT C-1																				
28.00	0.00	28.00	C-1	0.12	0.50	0.06	0.08	10.00	100	8.50	0.6	0.000	21	0.24	0.00	1.86	11.88	0.00	0.00	
*Area adjusted to accommodate bypass																				
LINE D																				
143.08	91.28	41.88	D-2	0.27	0.50	0.14	0.14	10.00	100	8.50	1.3	0.001	21	0.56	0.00	1.21	11.27	0.00	0.00	
91.28	0.00	91.28	D-1	0.38	0.50	0.20	0.33	11.27	100	8.52	3.2	0.004	21	1.31	0.94	1.29	12.58	0.94	0.88	
*Area adjusted to accommodate bypass																				
LAT D-1																				
28.00	0.00	28.00	D-1	0.38	0.50	0.20	0.28	10.00	100	8.50	1.9	0.001	21	0.78	0.00	0.81	10.81	0.00	0.01	
*Area adjusted to accommodate bypass																				
LINE E																				
125.22	94.71	177.51	F	0.91	0.50	0.46	0.46	10.00	100	9.00	4.8	0.018	18	2.52	0.32	1.17	11.17	0.32	0.10	
94.71	94.71	0.00		0.00	0.46	11.17	100	9.57	4.4	0.017	18	2.48	0.60	0.00	0.00	0.09	11.17	0.00	0.09	
94.71	773.53	174.18		0.80	0.49	11.17	100	9.57	4.4	0.017	18	2.48	0.30	0.30	1.16	12.38	0.30	0.09		
773.53	786.53	8.00	F-6	1.12	0.50	0.56	1.02	12.38	100	9.35	9.5	0.021	18	6.37	0.60	0.02	12.38	0.60	0.45	
786.53	486.00	280.53	F-6	2.35	0.50	1.18	2.19	12.38	100	9.34	26.8	0.077	18	11.08	10.89	0.48	12.78	10.89	2.08	
486.00	341.94	143.06		0.00	2.19	12.78	100	9.28	26.3	0.074	30	4.13	0.35	0.58	13.35	0.35	0.27			
341.94	339.00	2.94	F-4	3.37	0.50	1.89	3.68	13.35	100	9.18	35.9	0.074	30	7.22	0.02	0.01	13.35	0.02	0.81	
339.00	330.72	8.28	F-3	2.88	0.50	1.48	6.30	13.35	100	9.16	40.0	0.142	30	9.88	0.12	-0.40	13.35	0.12	1.85	
330.72	327.72	3.00		0.00	6.30	13.35	100	9.16	40.0	0.054	30	6.90	0.02	0.01	13.35	0.02	0.75			
327.72	221.37	106.35	F-2	1.18	0.50	0.59	5.94	13.35	100	9.15	54.3	0.085	30	7.88	0.70	0.23	13.81	0.70	0.82	
221.37	0.00	221.37		0.00	5.94	13.81	100	9.18	54.9	0.085	30	7.84	1.44	0.48	14.10	1.44	0.91			
*Area adjusted to accommodate bypass																				
LAT E-1																				
284.97	0.00	284.97	F-2	1.18	0.50	0.59	0.59	10.00	100	9.00	5.7	0.022	18	3.22	0.68	1.56	11.00	0.68	0.18	
*Area adjusted to accommodate bypass																				
LAT F-2																				
15.04	0.00	15.04	F-2	1.18	0.50	0.59	0.59	10.00	100	9.00	5.7	0.022	18	3.22	0.94	0.05	10.08	0.94	0.18	
*Area adjusted to accommodate bypass																				
LAT F-3																				
17.25	0.00	17.25	F-3	2.88	0.50	1.48	1.48	10.00	100	9.00	14.5	0.050	18	8.21	0.33	0.04	10.04	0.33	1.05	
*Area adjusted to accommodate bypass																				
LAT F-4																				
16.40	0.00	16.40	F-4	3.37	0.50	1.89	1.89	10.00	100	9.00	16.5	0.046	18	8.34	0.40	0.00	10.03	0.40	1.38	
*Area adjusted to accommodate bypass																				
LAT F-5																				
16.80	0.00	16.80	F-5	2.35	0.50	1.18	1.18	10.00	100	9.00	11.5	0.020	18	6.82	0.20	0.04	10.04	0.20	0.68	
*Area adjusted to accommodate bypass																				
LAT F-6																				
16.80	0.00	16.80	F-6	1.12	0.50	0.58	0.58	10.00	100	9.00	5.8	0.027	18	3.11	0.05	0.00	10.00	0.05	0.15	
*Area adjusted to accommodate bypass																				
LINE G																				
486.07	280.00	206.07	G-1	1.14	0.50	0.57	0.57	10.00	100	9.00	5.8	0.028	18	3.18	1.09	-0.04	12.04	-0.04	0.16	
280.00	0.00	280.00		0.00	0.57	12.04	100	9.41	6.4	0.031	21	2.23	0.82	0.16	12.18	0.82	0.00			
*Area adjusted to accommodate bypass																				
LAT G-1																				
16.87	0.00	16.87	G-1	1.14	0.50	0.57	0.57	10.00	100	9.00	5.8	0.028	18	3.18	0.05	0.00	10.00	0.05	0.16	
*Area adjusted to accommodate bypass																				

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STATION	STATION		(ACRES)	"	"	"	"	(MIN)	(YEARS)	(MMR)	(CFS)	(IN)	(FPS)			(MIN)	(MIN)	(PRESSURE FLOW)	(FEET)	(FEET)
LINE I																				
280.33	182.74	61.89	I	1.41	0.50	0.71	0.71	10.00	100	8.80										