

Table D-1. Existing Conditions Peak Discharges (Scenario 1)

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
11041	16.23	25.71	31.30	37.07	43.18	45.70
11051	7.27	11.26	13.08	12.81	12.02	11.84
11052	7.27	11.26	13.08	12.81	12.02	11.84
11061	34.12	54.71	64.69	74.36	83.46	90.85
11071	25.94	41.65	50.08	59.43	69.76	75.78
11111	22.01	23.86	23.86	56.93	87.18	90.75
11112	22.01	23.86	23.86	56.93	87.18	90.75
11131	44.44	48.01	47.79	77.85	123.96	140.06
11151	21.73	23.65	23.75	37.67	42.75	41.23
11152	21.73	23.65	23.75	37.67	42.75	41.23
11171	40.24	46.53	47.97	62.89	74.88	83.15
11191	19.01	28.53	43.89	54.91	71.04	83.44
11201	15.19	22.13	25.01	25.58	26.43	28.10
11231	24.50	33.41	40.86	53.69	59.34	63.11
11232	24.71	34.97	40.86	53.69	59.34	63.11
11251	47.17	65.90	76.93	105.58	116.80	122.80
11271	45.69	76.07	95.35	133.30	154.91	171.18
11311	22.41	35.29	42.27	47.73	53.36	58.49
11331	67.16	113.51	139.67	178.10	206.69	232.52
11371	36.43	57.12	69.13	89.38	109.48	125.13
11372	30.09	57.04	70.96	89.38	109.48	125.13
11391	59.24	100.28	125.27	163.87	217.30	247.43
11411	53.73	99.22	128.45	168.25	242.19	281.20
11431	25.16	42.62	53.61	66.74	82.31	97.30
11451	53.74	109.74	145.07	188.00	281.77	328.97
11491	33.18	67.61	90.56	117.90	128.29	140.16
11492	22.62	49.39	66.15	86.12	93.71	102.38
11511	59.49	126.78	171.01	222.68	244.07	265.82
11551	21.34	34.45	43.92	55.40	66.36	73.74
11571	18.64	31.83	40.45	50.95	60.66	63.21
11591	16.85	28.41	36.06	45.42	53.79	54.80
11611	12.72	27.33	37.75	49.24	55.49	55.18
11621	17.66	30.50	39.46	50.17	62.98	74.08
11631	8.18	12.65	15.29	17.41	20.49	23.23
11632	8.18	12.65	15.29	17.41	20.49	23.23
11671	11.45	18.62	23.03	28.25	34.38	40.31
11691	10.47	17.44	21.73	26.74	32.57	38.10
11701	11.24	17.69	21.46	25.79	30.64	35.03
11711	19.31	43.21	59.96	76.65	89.08	94.37
11721	5.80	9.04	10.65	12.09	13.92	18.55
11731	34.08	66.28	89.25	113.61	134.92	145.17
11751	35.17	66.31	88.20	110.83	134.43	142.46
11811	16.00	30.76	41.35	50.33	82.45	92.07

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
11812	14.88	30.76	41.35	50.33	82.45	92.07
11831	91.99	195.39	262.56	340.39	360.29	471.22
11851	91.84	195.27	262.46	340.32	360.44	532.09
11871	91.48	194.75	262.09	340.06	361.27	409.74
11951	8.50	17.06	23.15	31.20	33.14	33.13
12031	18.01	35.50	46.35	57.77	67.67	76.72
12091	15.40	29.03	37.25	45.33	56.90	64.48
12111	105.85	223.83	302.65	393.87	416.01	427.91
12131	14.11	24.24	27.56	31.32	37.64	40.47
12151	114.27	248.81	338.75	442.98	474.18	490.06
12171	113.67	247.92	338.16	442.30	472.72	485.35
12271	9.58	13.75	13.76	13.76	13.75	13.75
12281	9.61	13.75	13.76	13.76	13.75	13.75
12291	7.37	10.59	11.85	11.84	11.83	11.82
12321	12.15	20.72	21.27	21.75	22.13	22.54
12351	3.54	5.70	6.88	8.17	9.75	11.32
12371	2.45	3.48	4.43	5.25	5.55	6.73
12401	3.07	5.68	7.55	9.42	11.15	12.46
12411	4.80	8.05	9.76	11.90	14.14	15.95
12421	6.02	10.13	12.22	14.72	17.37	19.68
12431	10.36	17.63	21.80	26.32	31.31	35.93
12451	10.56	18.01	23.21	29.72	37.81	46.33
12491	10.09	17.92	23.17	29.65	37.79	46.29
12511	10.83	19.55	25.06	31.66	39.77	48.00
12611	19.53	30.32	34.74	39.93	45.48	50.94
12651	15.92	26.80	29.14	32.10	35.62	38.70
12671	16.71	27.27	33.59	41.03	49.57	51.98
12681	8.37	14.13	14.12	14.61	15.06	15.23
12691	26.63	45.33	51.24	58.45	66.19	69.40
12711	26.68	45.39	51.27	58.46	66.20	69.34
12751	26.37	45.12	51.05	58.13	65.67	69.53
12771	28.11	50.48	61.07	73.21	86.56	96.43
12791	28.04	50.40	60.96	72.31	84.99	93.38
12811	28.03	50.41	60.92	72.12	84.65	92.75
12851	38.44	67.20	85.63	104.58	126.82	146.78
12861	6.86	11.35	13.24	15.37	17.40	21.30
12871	23.89	36.24	41.81	50.74	55.87	63.91
12881	15.25	42.73	51.18	53.50	55.98	56.09
12901	12.39	24.55	38.45	50.71	56.05	56.22
12911	147.22	308.32	413.76	535.15	605.24	652.13
12951	42.68	75.57	93.60	104.58	114.50	121.93
12971	44.75	80.53	104.27	118.10	132.46	146.56
12991	47.63	89.95	118.95	141.97	164.09	183.14

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
13031	47.90	93.29	124.84	151.61	178.97	205.20
13041	152.76	320.56	435.17	561.37	667.61	719.10
13051	183.47	387.85	529.39	705.50	839.02	921.68
13111	36.93	59.08	72.15	87.12	104.28	120.45
13131	35.08	56.34	68.74	82.80	98.73	113.61
13141	12.56	20.41	25.35	31.19	38.01	44.02
13151	8.85	17.23	21.27	25.92	30.74	31.96
13161	6.48	12.54	16.63	21.75	28.27	41.84
13171	16.45	25.01	29.86	37.23	45.47	51.49
13191	12.87	21.48	27.85	35.62	44.03	46.09
13211	41.37	70.24	88.05	108.52	131.80	146.92
13221	13.66	22.08	27.03	32.03	35.55	40.39
13231	21.36	40.95	53.62	68.13	84.79	100.78
13251	17.17	30.23	38.22	46.82	63.98	82.91
13271	43.89	75.24	86.90	105.34	122.21	126.02
13291	65.87	107.43	136.76	173.21	192.73	194.87
13301	6.91	11.67	14.90	18.86	23.63	28.29
13311	66.93	107.43	136.72	173.18	192.07	192.97
13321	9.03	16.04	20.56	26.41	33.78	40.83
13331	65.02	114.43	147.59	186.99	212.12	219.15
13341	10.66	52.03	52.56	60.13	70.94	108.14
13351	16.70	27.90	34.14	41.97	51.33	60.14
13411	227.33	467.21	639.30	857.15	1,017.13	1,102.95
13421	221.36	451.76	617.00	830.38	975.73	1,056.98
13431	216.21	443.75	609.62	816.88	963.36	1,054.05
13451	215.18	440.98	605.57	810.78	955.71	1,046.36
13471	212.63	434.35	596.47	798.90	944.47	1,034.26
13491	9.69	15.72	19.35	23.67	28.92	34.04
13501	18.18	32.28	41.69	52.93	64.50	74.05
13511	16.87	30.03	31.75	86.62	94.06	94.51
13531	22.52	39.46	35.98	71.47	106.89	115.35
13591	12.90	21.75	27.43	34.37	43.47	52.51
13611	10.76	18.57	23.96	30.65	38.88	47.03
13621	15.30	26.82	34.59	44.34	56.49	68.38
13651	25.79	40.42	48.73	54.59	61.86	70.41
13661	20.90	38.67	50.75	65.59	83.70	99.84
13671	39.48	62.01	74.46	84.55	85.97	85.31
13691	32.24	53.56	61.63	60.32	63.61	66.90
13711	19.27	30.78	37.28	44.72	59.44	70.14
13751	19.14	29.26	33.63	37.83	45.33	44.74
13771	27.71	44.57	52.76	61.23	77.42	81.45
13791	25.76	37.74	43.48	49.31	54.83	60.46
13811	25.11	36.36	40.85	46.30	51.15	55.52

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
13851	36.67	64.49	83.13	106.03	133.56	158.68
13871	36.10	67.42	82.49	100.50	125.28	147.36
13891	32.52	103.17	134.41	156.75	168.58	169.87
13901	32.65	81.98	108.05	130.70	151.41	162.97
13911	27.12	41.52	45.79	46.92	47.43	47.03
13931	31.59	46.38	49.75	50.43	51.08	51.13
13951	19.97	34.36	39.86	41.10	41.27	41.04
14011	6.54	9.76	11.41	16.41	21.94	29.82
14091	28.91	41.19	50.61	52.54	55.16	57.53
14111	28.86	39.92	50.62	52.57	55.17	57.57
14131	31.99	50.83	67.73	73.07	75.01	77.06
14151	28.87	38.61	50.84	52.70	55.18	57.55
14231	10.64	18.34	22.94	28.94	37.61	46.76
14232	11.47	17.27	20.84	24.61	27.29	28.92
14251	21.66	30.75	36.83	44.22	53.88	63.17
14271	6.66	10.14	12.14	14.35	16.39	18.34
14272	4.62	8.03	10.21	12.89	16.59	19.90
14291	11.18	18.02	22.18	27.05	30.74	34.58
14301	28.79	46.44	54.59	58.54	58.87	57.91
14311	50.50	75.63	86.44	93.33	96.92	97.85
14321	42.10	54.21	55.61	56.35	56.73	56.47
14331	23.76	46.61	49.86	51.17	52.49	53.49
14351	14.20	20.23	24.58	30.36	37.75	44.52
14352	14.39	20.24	25.26	30.36	37.75	44.52
14371	25.66	40.74	49.89	61.13	76.12	90.08
14391	26.54	42.60	52.68	64.45	79.16	93.13
14392	26.82	42.60	52.68	64.45	79.16	93.13
14411	51.00	81.83	100.30	121.95	148.93	174.09
14451	27.68	55.01	61.80	67.08	73.12	78.98
14471	27.79	55.10	61.89	67.13	73.04	78.60
14511	64.37	107.38	132.06	147.36	176.63	204.88
14531	95.86	164.76	208.90	256.81	314.44	367.37
14611	93.71	161.13	204.32	250.83	305.88	356.71
14631	78.49	135.64	173.05	213.66	258.96	304.18
14671	25.95	40.11	45.15	47.91	47.03	44.81
14681	21.10	31.86	33.75	33.91	33.98	34.01
14691	18.73	29.16	31.11	30.96	30.72	30.69
14711	8.25	25.10	40.54	42.46	44.86	47.36
14721	1.59	10.12	9.77	9.61	9.86	10.01
14731	1.58	11.35	11.59	12.16	11.76	11.84
14741	1.47	8.92	9.30	9.65	9.87	10.02
14751	5.96	9.61	11.48	12.38	12.54	12.49
14761	5.92	9.92	10.36	11.07	11.70	10.34

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
14781	9.82	15.74	19.26	23.34	27.95	32.83
14791	10.07	15.84	19.09	23.11	27.79	32.28
14801	13.24	20.36	24.97	29.56	34.72	39.40
14831	11.00	19.87	25.72	33.41	43.06	52.46
14851	11.04	22.83	31.98	44.80	66.33	92.75
15031	31.29	49.64	61.34	67.12	66.81	66.65
15041	31.15	49.18	59.58	66.35	66.12	65.87
15051	17.25	27.46	33.48	40.40	48.29	55.75
15061	5.90	7.79	8.79	9.83	10.93	11.87
15071	5.46	7.17	8.26	9.63	11.19	12.41
15091	6.04	7.87	8.92	10.06	11.36	12.40
15111	2.11	3.84	4.70	5.64	6.40	6.96
15131	4.95	6.00	7.24	8.69	10.42	11.90
15151	7.05	9.50	10.78	12.11	13.54	14.79
15171	14.28	20.96	24.45	28.12	32.02	35.31
15181	23.01	36.75	44.85	54.12	64.67	74.43
15191	4.78	9.92	13.39	17.40	21.36	23.55
15201	4.78	9.94	13.41	17.42	21.37	23.56
15211	13.87	20.43	24.08	28.16	32.81	37.77
15221	13.31	21.27	26.04	31.57	37.98	44.01
15241	25.97	39.55	47.64	57.14	68.29	79.00
15251	5.08	10.81	14.10	18.40	25.53	31.75
15261	6.35	12.18	15.52	19.56	26.96	34.04
15271	9.99	17.20	22.66	27.12	29.59	32.54
15272	14.44	20.43	22.43	26.24	30.56	33.64
15281	24.41	38.33	45.79	52.55	58.38	64.34
15291	10.64	13.46	14.74	15.90	16.90	19.04
15311	12.85	18.02	20.82	23.91	27.31	30.38
15321	1.58	2.14	2.40	2.42	2.43	2.44
15331	1.58	2.10	2.34	2.93	3.15	3.12
15351	4.60	5.99	7.24	8.67	10.39	11.86
15352	3.90	5.99	7.24	8.72	10.39	11.83
15353	3.90	6.11	7.73	8.68	10.37	11.80
15354	3.91	6.62	8.58	8.83	10.39	11.85
15355	3.93	6.70	9.80	10.50	11.76	12.34
15371	10.73	25.95	27.82	28.99	30.80	29.81
15381	35.10	58.11	66.11	69.03	70.07	73.66
15411	1.43	3.08	5.38	7.48	11.35	12.21
15421	9.11	14.47	17.32	19.36	20.17	21.09
15431	3.99	6.97	10.12	11.08	12.66	13.53
15441	4.02	7.04	10.20	11.22	12.86	13.77
15451	4.37	7.78	11.03	11.86	13.91	15.29
15461	1.79	3.73	4.81	6.92	11.16	11.96

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
15462	3.87	6.55	10.50	14.62	19.94	27.69
15471	1.38	2.95	5.29	7.40	11.33	12.17
15481	6.72	9.76	11.91	15.60	17.33	17.17
15491	66.29	102.74	121.26	137.22	153.26	165.50
15511	73.02	113.53	131.79	145.89	160.08	169.84
15521	72.86	113.28	132.04	146.48	159.98	169.38
15531	7.01	13.54	18.43	23.74	25.54	25.86
15541	5.01	15.04	20.45	39.85	40.16	40.23
15542	8.19	23.60	32.30	33.18	33.33	33.53
15543	7.34	15.12	16.42	18.42	26.94	29.94
15544	7.79	14.20	14.94	15.61	15.37	15.82
15551	16.37	25.46	32.87	35.95	37.37	40.29
15561	8.36	13.03	16.40	17.51	17.78	18.06
15562	8.36	13.03	16.40	17.51	17.78	18.06
15571	5.59	10.67	12.04	12.67	13.21	13.71
15572	5.59	10.67	12.04	12.67	13.21	13.71
15573	5.59	10.67	12.04	12.67	13.21	13.71
15581	20.27	35.83	39.87	43.54	45.67	45.54
15591	20.52	35.90	37.70	41.61	43.91	43.89
15611	1.51	5.88	8.44	11.05	13.52	15.33
15621	1.50	5.89	8.48	11.10	13.58	15.45
15631	4.69	7.51	7.54	7.50	7.45	7.42
15651	7.86	13.94	14.05	14.06	14.05	14.02
15661	11.60	19.87	19.76	19.99	21.14	21.88
15671	11.55	19.30	19.25	20.02	21.15	21.88
15681	5.73	9.53	9.52	10.01	10.58	10.94
15682	5.73	9.53	9.52	10.01	10.58	10.94
15691	12.91	23.27	27.86	33.46	39.06	42.97
15701	12.19	20.54	25.49	30.91	36.17	40.07
15711	4.52	6.92	7.81	8.12	8.41	9.67
15721	15.95	26.23	25.07	24.16	25.00	25.40
15731	1.75	6.24	8.66	11.24	13.75	15.63
15751	2.59	6.58	9.27	11.62	14.28	16.04
15761	19.35	32.45	31.88	30.44	31.02	31.34
15771	59.75	93.82	111.64	128.19	139.99	149.80
15791	73.28	112.06	122.54	129.24	135.15	140.20
15811	79.60	120.80	128.41	134.33	139.82	143.92
15821	12.23	15.03	15.04	15.03	15.03	15.03
15831	11.90	14.56	14.23	13.96	14.05	13.98
15841	9.91	9.91	9.92	9.92	9.92	9.92
15851	78.25	116.24	123.24	129.20	135.74	141.59
15861	9.86	9.69	9.62	9.59	9.56	9.52
15871	25.37	38.89	41.02	42.51	43.79	45.62

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Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
15872	24.98	38.87	40.92	42.19	43.79	45.62
15873	27.03	37.68	39.71	41.94	43.79	45.62
15881	18.91	29.96	37.13	44.89	51.51	51.51
15891	76.19	111.45	115.92	122.12	130.30	135.96
15901	16.12	30.84	30.86	31.09	31.59	32.05
15911	15.61	22.40	22.43	22.44	22.44	22.44
15921	15.53	21.82	22.46	22.92	22.85	22.88
15931	22.48	32.51	36.43	40.83	44.26	44.86
15941	4.86	5.86	5.86	5.86	5.87	5.87
15951	24.79	43.27	55.74	66.92	73.50	75.47
15961	5.67	5.64	5.66	5.72	5.70	5.73
15971	2.82	2.83	2.83	2.84	2.84	2.84
15981	2.89	2.90	2.86	2.87	2.89	2.47
15991	22.64	30.34	31.25	32.41	34.40	37.28
15992	12.80	25.90	30.98	33.30	35.84	38.27
15993	19.47	29.15	30.61	32.51	34.61	37.28
15994	20.89	29.76	30.94	32.28	34.40	37.28
16001	3.20	3.30	3.13	3.42	3.51	3.60
16011	92.83	146.21	162.31	175.61	192.65	202.65
16071	11.12	19.02	23.91	29.69	34.40	37.27
16091	13.41	24.54	31.76	43.21	55.68	71.55
16131	98.81	158.95	179.21	203.52	231.63	254.87
16141	100.70	167.75	190.48	215.33	246.88	272.63
16151	10.62	15.66	19.14	20.74	20.72	24.93
16161	13.49	22.49	25.60	33.19	33.02	32.70
16171	15.12	26.16	33.18	39.93	43.06	42.84
16191	18.62	35.29	45.42	47.96	49.37	50.52
16211	28.81	57.67	75.96	91.75	101.01	101.21
16271	14.84	24.30	30.05	35.01	37.65	37.67
16291	11.18	16.28	18.08	19.33	19.45	19.23
16311	10.37	14.06	16.81	18.66	19.79	20.49
16351	15.28	29.18	36.91	43.28	48.97	49.06
16411	42.62	78.10	100.59	114.39	121.38	123.71
16421	13.86	24.89	32.22	32.23	32.23	32.24
16431	42.67	52.44	52.48	52.46	51.71	52.28
16441	29.07	46.90	50.09	49.16	48.94	48.20
16451	28.67	49.34	50.55	50.94	50.16	49.76
16471	19.76	38.59	37.89	36.39	34.96	37.64
16491	17.05	28.40	35.23	46.24	72.88	81.67
16511	62.92	123.15	159.30	185.81	188.70	191.76
16531	30.85	61.57	79.63	92.85	93.98	95.92
16532	32.21	61.57	79.63	92.85	93.98	95.92
16541	87.33	147.73	175.06	207.60	252.39	282.88

Table D-1. Existing Conditions Peak Discharges (Scenario 1)

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
16551	65.41	128.26	166.23	195.31	202.45	207.05
16561	11.02	12.33	12.69	12.91	12.93	12.99
16571	5.34	9.70	12.55	15.61	18.91	22.01
16572	7.81	15.00	18.80	22.97	27.60	31.91
16581	65.12	129.84	168.75	198.51	205.58	211.74
16591	138.72	266.14	339.79	411.28	466.95	507.29
16651	161.30	314.45	407.46	504.91	590.56	657.69
16711	29.81	53.19	65.64	84.84	101.41	117.45
16731	42.75	77.33	95.50	122.77	141.23	151.10
16751	21.44	36.92	46.14	56.66	68.85	69.01
16791	36.83	63.75	79.08	99.88	121.82	140.39
16811	35.28	61.48	77.84	97.72	117.67	140.50
16831	34.34	66.49	85.91	108.66	136.24	163.97
16851	8.75	16.00	20.90	27.05	34.75	44.88
16871	42.57	83.78	110.23	141.43	179.28	216.39
16891	37.42	68.14	87.82	109.66	135.68	162.88
16892	11.83	28.20	39.16	51.26	70.12	91.46
16921	7.15	10.65	11.08	11.64	9.78	11.65
16931	5.74	9.05	9.25	5.05	4.72	4.61
16941	15.25	26.68	26.75	27.01	27.27	27.52
16951	20.65	20.66	20.67	20.66	20.66	20.66
16961	15.43	16.05	15.83	15.56	15.25	14.96
16971	10.43	10.79	10.88	11.00	11.15	11.26
16991	10.37	10.79	10.94	12.73	13.58	14.34
17001	11.73	20.97	26.59	27.48	27.50	27.51
17011	7.22	13.47	17.46	21.31	28.27	30.39
17012	1.53	2.77	3.56	5.65	10.39	19.84
17013	7.24	12.52	15.94	22.28	25.20	28.11
17014	5.24	11.15	15.97	22.28	25.20	28.11
17015	11.59	22.49	30.19	44.50	48.41	48.70
17021	7.48	14.83	19.74	24.20	29.31	30.91
17031	30.12	45.71	62.09	63.17	96.37	96.72
17041	16.44	27.14	34.12	44.29	52.54	61.82
17051	23.10	39.09	48.07	50.38	61.43	75.73
17071	49.48	86.23	110.41	136.14	167.14	204.18
17111	13.32	24.71	33.72	43.96	51.06	57.92
17112	0.00	0.00	0.00	0.00	0.00	0.00
17121	12.98	24.69	33.70	43.96	51.08	57.95
17131	4.73	9.75	13.41	17.53	20.37	23.12
17132	7.90	14.92	20.27	26.43	30.73	34.87
17151	12.15	24.60	33.75	44.19	51.58	58.60
17161	22.82	37.58	48.38	66.01	83.71	100.61
17171	9.66	17.06	24.63	33.51	42.46	50.91

Table D-1. Existing Conditions Peak Discharges (Scenario 1)

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
17172	9.66	17.06	24.63	33.51	42.46	50.91
17191	16.67	35.04	50.55	68.39	86.45	103.40
17211	170.50	339.96	446.72	562.13	666.62	752.61
17231	183.24	368.26	492.03	633.67	767.14	873.95
17241	8.72	15.74	21.01	26.12	33.22	40.22
17251	9.96	18.37	23.54	33.49	35.79	35.79
17261	4.52	8.57	14.39	18.03	20.33	20.99
17271	179.91	357.69	479.64	622.53	746.11	857.58
17291	179.27	355.72	476.35	618.12	739.81	852.46
17301	13.69	26.98	32.96	36.11	39.60	41.97
17311	10.21	20.42	31.25	37.71	41.79	44.04
17331	45.23	71.76	87.42	105.08	125.21	144.87
17351	22.44	35.70	43.60	52.29	62.40	71.84
17352	22.44	35.70	43.60	52.29	62.40	71.84
17371	41.23	66.33	81.20	98.14	117.52	136.07
17391	28.72	41.25	46.70	50.76	54.07	55.14
17411	28.49	40.52	45.71	49.55	52.47	53.10
17431	178.26	352.19	470.12	606.61	729.97	838.99
17471	41.47	62.77	69.64	103.00	126.84	154.99
17491	39.32	44.90	205.61	334.36	342.40	360.19
17511	38.96	43.30	66.13	171.12	201.63	238.37
17521	8.93	16.49	21.67	24.50	24.60	24.85
17531	175.08	348.09	465.11	600.20	725.15	837.50
17541	10.84	19.07	22.15	22.12	22.15	22.28
17551	19.15	34.13	42.76	50.60	60.41	70.06
17561	26.62	48.23	61.60	72.78	80.17	87.77
17571	20.81	20.57	20.40	19.97	20.15	20.02
17591	15.76	15.84	15.90	15.98	16.13	16.31
17611	156.40	306.72	408.55	537.47	647.48	749.40
17621	13.14	23.91	30.50	36.59	40.40	44.31
17622	13.14	23.91	30.50	36.59	40.40	44.31
17631	30.53	56.00	74.34	91.13	105.18	118.21
17651	14.55	27.54	34.35	42.09	47.09	52.14
17652	14.55	27.54	34.35	42.09	47.09	52.14
17661	28.92	51.64	67.14	83.92	93.60	102.59
17671	32.06	53.01	65.84	80.90	98.60	115.56
17691	34.10	63.04	82.50	106.54	136.16	163.17
17711	40.80	77.52	102.62	133.56	161.43	193.91
17731	6.87	23.20	36.79	55.74	67.25	81.30
17732	39.69	63.81	78.76	94.66	121.06	147.41
17751	76.87	147.16	195.95	255.56	311.35	368.81
17771	84.22	161.10	214.53	280.15	344.72	409.24
17791	42.10	80.58	107.23	140.07	172.56	204.74

Table D-1. Existing Conditions Peak Discharges (Scenario 1)

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
17792	41.77	80.15	106.75	139.53	171.96	204.09
17811	93.21	178.61	242.90	315.07	383.71	449.74
17851	12.22	18.53	20.38	22.36	23.12	23.14
17871	10.51	17.11	19.65	22.55	23.16	23.25
17891	94.93	183.07	249.23	324.17	396.92	468.64
17911	16.53	27.55	33.73	41.51	50.71	59.43
17931	104.71	203.89	278.42	363.37	452.42	535.32
17951	96.81	184.33	250.59	327.72	406.59	481.62
17991	248.87	500.60	684.93	923.80	1,159.50	1,321.74
18011	245.45	492.98	674.56	908.46	1,141.70	1,305.01
18031	242.25	486.68	666.71	897.61	1,128.62	1,291.89
18051	219.81	439.02	609.32	835.46	1,056.37	1,208.16
18071	201.05	406.32	566.32	770.76	981.65	1,124.96
18091	196.35	397.08	555.32	756.33	966.49	1,111.73
18111	191.49	395.02	548.26	766.48	972.73	1,118.91
18151	163.06	346.18	510.46	722.41	938.38	1,104.87
18171	256.51	511.68	723.91	1,011.29	1,325.14	1,580.71
18181	26.50	43.14	52.67	63.56	75.83	86.11
18201	22.11	33.86	36.11	74.34	101.47	118.15
18211	17.80	29.95	34.33	37.90	51.66	64.00
18221	12.80	22.55	28.66	35.38	41.75	46.96
18251	32.75	51.02	58.38	72.59	95.00	113.85
18271	32.68	51.23	58.31	72.59	94.95	113.74
18281	23.14	23.42	23.41	23.42	23.79	24.66
18291	10.32	19.42	19.62	21.65	24.30	25.51
18311	39.51	61.10	70.80	76.49	78.44	81.51
18331	50.08	81.01	95.01	113.40	126.29	135.60
18371	49.36	79.37	93.15	110.65	124.27	133.92
18391	49.30	79.05	92.70	109.91	123.77	133.53
18411	49.26	78.99	92.60	109.69	123.61	133.39
18431	49.33	78.59	91.82	108.31	121.67	131.41
18451	6.90	9.79	11.97	21.09	33.53	38.29
18452	6.90	9.79	11.97	21.09	33.53	38.29
18461	18.67	20.67	20.43	31.25	43.35	55.75
18471	243.66	478.67	678.90	961.24	1,307.23	1,574.81
18481	237.66	464.05	659.58	937.26	1,280.20	1,556.37
18491	232.52	443.75	629.18	893.62	1,227.63	1,507.21
18511	214.81	394.18	543.65	761.44	1,078.72	1,356.59
18531	28.09	47.81	58.95	65.04	66.04	65.29
18551	21.71	37.71	47.98	53.17	53.10	53.04
18591	13.05	21.99	28.21	36.13	45.79	53.20
18631	24.26	41.44	52.13	64.83	75.21	83.78
18651	41.49	73.44	94.25	118.76	142.96	153.91

Table D-1. Existing Conditions Peak Discharges (Scenario 1)

Notes: Peak discharges usually occur at times other than the time of maximum computed water surface elevation. Peak discharges can occur in the upstream direction.

Conduit Number	Maximum Computed Discharge					
	2-Yr (cfs)	5-Yr (cfs)	10-Yr (cfs)	25-Yr (cfs)	50-Yr (cfs)	100-Yr (cfs)
18661	41.00	72.47	92.97	117.68	141.21	150.09
18671	13.16	26.00	33.98	41.82	48.43	55.47
18672	15.59	29.21	38.36	52.00	56.81	53.95
18711	13.07	21.82	25.49	28.82	30.15	30.98
18731	11.90	21.24	24.88	28.22	29.72	31.30
18751	27.11	48.95	62.34	78.65	97.59	101.02
18771	32.38	64.70	85.69	111.53	141.65	157.46
18791	32.43	65.36	87.90	116.04	150.06	175.90
18811	39.42	70.60	90.54	116.14	138.91	146.48
18831	38.11	69.06	88.92	114.96	137.10	144.03
18841	35.86	66.49	86.48	113.39	134.43	139.69
18851	57.82	114.49	158.00	214.05	265.76	283.48
18911	65.44	127.93	178.98	245.31	311.75	342.62
18931	60.33	127.00	180.52	248.32	315.78	347.11
18971	74.91	126.77	181.40	251.37	321.96	354.49
19031	15.91	25.50	31.54	38.55	46.82	54.66
19051	39.17	44.96	45.03	45.11	45.17	45.22
19071	15.22	25.05	32.35	39.96	42.87	43.56
19111	11.77	20.55	26.39	33.79	43.05	51.87
19131	25.86	41.61	51.34	63.36	76.94	88.10
19151	20.95	44.18	54.37	68.49	77.30	87.25
19171	23.91	40.57	40.38	40.48	40.54	40.51
19191	22.78	32.77	33.00	33.34	33.82	34.45
19211	39.85	60.10	68.60	77.99	88.79	94.89
19231	8.27	22.02	31.90	38.92	44.60	49.68
19411	63.10	126.38	179.81	248.49	309.15	342.02
19431	61.17	125.78	178.77	246.84	307.41	339.94
19491	214.14	386.90	523.66	718.06	994.51	1,274.90
19511	214.22	386.67	522.62	715.07	987.41	1,268.56
19551	228.77	406.98	546.20	742.96	1,020.35	1,308.90
19611	231.39	409.52	547.79	741.45	1,008.53	1,278.01