

**Table B-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)
11011	6.76	12.60	17.08	24.37	33.79	36.80
11031	6.79	12.59	17.22	24.45	33.88	36.93
11051	6.82	12.66	17.31	24.50	33.94	37.01
11071	6.92	12.84	17.51	24.63	34.10	37.21
11091	18.12	30.46	38.96	47.72	56.71	65.90
11111	27.40	43.21	52.58	61.32	69.19	70.97
11112	27.06	42.14	50.53	57.70	64.65	65.67
11131	1.84	5.40	8.32	11.53	14.96	18.58
11132	0.90	3.13	4.95	7.00	9.14	11.23
11151	2.22	6.86	10.26	12.54	14.67	16.90
11171	7.17	11.79	15.86	20.41	24.17	27.85
11172	7.17	11.79	15.86	20.41	24.17	27.85
11191	12.83	22.11	30.32	39.41	48.18	56.36
11211	22.66	37.87	48.37	59.88	72.69	86.55
11231	16.08	24.27	26.02	26.09	25.88	25.61
11251	11.74	16.70	17.86	17.90	17.94	17.99
11271	11.11	16.71	17.85	17.90	17.94	17.99
11291	10.70	13.66	14.00	14.34	14.54	14.57
11311	10.73	13.39	13.93	14.33	14.53	14.56
11331	2.45	4.05	5.17	6.37	7.64	9.04
11332	2.45	4.05	5.17	6.37	7.64	9.04
11351	4.42	7.54	9.82	12.24	14.87	17.77
11371	4.39	7.55	9.66	11.90	14.33	16.92
11391	12.90	18.89	22.00	25.15	28.71	31.73
11411	19.03	36.62	60.56	68.90	70.97	73.40
11412	19.02	36.61	39.46	39.51	39.73	40.33
11431	13.31	20.75	25.06	29.29	33.60	37.25
11451	30.48	54.22	70.89	88.45	106.67	125.19
11471	40.74	68.08	86.78	106.47	127.21	148.51
11491	30.11	31.09	31.09	31.09	31.09	31.09
11511	50.62	72.05	85.55	99.63	114.20	128.79
11531	24.87	35.48	41.98	48.73	55.69	62.80
11532	24.87	35.48	41.98	48.73	55.69	62.80
11551	49.01	70.24	82.82	95.89	109.40	123.05
11571	56.68	91.03	111.27	133.08	155.39	178.88
11591	3.78	9.13	8.88	7.87	7.25	7.87
11592	21.83	32.91	41.82	43.86	44.56	44.72
11611	88.42	144.14	181.92	222.28	264.59	307.50
11631	87.42	144.69	183.35	224.67	268.10	312.32
11651	15.14	23.72	24.88	24.98	24.99	24.94
11652	14.53	20.77	20.44	19.51	18.58	19.32
11654	26.49	35.25	36.10	36.58	36.85	37.03
11655	26.48	35.23	36.10	36.58	36.85	37.03

**Table B-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)
11656	27.09	35.22	36.09	36.57	36.84	37.03
11657	26.40	35.21	36.07	36.56	36.83	37.58
11658	38.43	62.33	74.77	87.23	99.64	111.32
11671	49.55	80.85	97.38	113.93	138.28	161.37
11672	38.57	62.28	74.40	86.38	97.29	107.85
11673	36.87	56.67	68.06	78.19	86.27	94.49
11691	51.39	81.80	101.22	120.90	140.59	160.38
11711	139.22	226.45	284.03	343.75	404.80	467.82
11712	150.05	246.77	312.30	381.11	454.43	530.07
11731	89.65	143.30	177.82	212.85	247.73	284.92
11751	50.41	82.85	105.10	128.31	152.75	178.15
11752	50.41	82.85	105.10	128.31	152.75	178.15
11753	50.41	82.85	105.10	128.31	152.75	178.15
11771	198.03	332.75	422.61	515.82	613.86	702.65
11772	231.02	378.30	475.01	575.06	679.79	779.30
11791	118.69	196.08	246.96	299.67	354.52	406.84
11792	123.69	202.06	253.45	306.63	361.93	414.64
11811	242.31	397.73	499.64	605.10	714.91	819.63
11833	51.06	80.95	100.34	121.26	142.89	165.17
11834	50.49	80.51	99.90	119.79	140.04	161.88
11851	22.26	29.25	33.07	36.60	39.93	43.12
11891	11.87	15.95	18.58	21.29	24.78	28.11
11911	11.94	15.83	18.09	20.20	22.23	24.20
11931	4.77	6.58	7.39	8.08	8.60	9.56
11951	6.15	7.49	7.59	7.38	7.80	9.27
11991	19.61	30.34	37.44	44.89	54.52	65.41
12011	3.44	3.27	3.46	3.61	3.61	3.61
12012	0.00	4.95	5.05	5.13	5.21	5.28
12013	3.45	6.94	7.15	7.90	7.97	8.04
12014	3.74	11.49	13.75	14.77	14.98	15.16
12015	3.94	13.25	13.04	16.22	16.24	16.25
12016	19.36	24.62	25.78	29.15	30.75	30.91
12031	6.73	13.42	17.80	21.19	24.38	27.08
12051	12.60	18.40	21.01	23.12	25.82	28.79
12071	2.65	5.23	6.88	8.31	9.25	9.80
12091	2.64	5.22	6.88	8.32	9.33	9.95
12111	2.64	5.23	6.89	8.32	9.37	10.01
12131	2.64	5.23	6.90	8.34	9.45	10.12
12151	2.61	5.57	7.44	8.83	10.09	10.76
12171	13.45	20.94	26.47	41.45	57.71	56.88
12191	3.12	6.67	8.58	10.07	11.08	11.72
12211	4.63	7.46	8.98	10.52	11.27	11.89
12231	5.97	10.00	11.71	13.38	14.82	16.00

**Table B-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)
12251	24.38	41.56	52.56	71.62	74.25	71.23
12271	12.48	21.18	26.78	35.92	38.88	36.32
12272	12.48	21.18	26.78	35.92	38.88	36.32
12291	25.88	43.57	55.01	72.89	77.92	77.85
12311	18.81	29.94	38.62	54.29	68.36	76.80
12331	43.63	73.79	95.61	119.46	129.30	130.91
12351	22.09	36.87	43.74	46.09	49.18	50.17
12352	27.03	46.95	61.38	68.23	70.01	71.10
12371	42.79	72.61	95.60	113.83	118.83	121.88
12391	48.72	84.64	111.56	137.63	156.70	172.28
12411	48.56	82.52	106.57	130.12	140.71	150.08
12435	26.99	37.29	37.25	37.11	37.08	37.00
12451	17.69	26.83	32.74	39.05	45.32	49.83
12471	19.85	31.54	39.06	45.84	51.18	58.75
12491	20.76	33.27	41.36	49.59	57.39	62.62
12511	14.07	26.29	32.02	36.51	38.57	39.36
12531	14.06	26.23	31.96	36.45	38.54	39.34
12551	4.69	8.81	10.83	12.38	13.13	13.85
12552	4.69	8.81	10.83	12.38	13.13	13.85
12553	4.69	8.81	10.83	12.38	13.13	13.85
12571	22.99	41.45	53.73	65.47	75.71	85.02
12591	13.31	17.39	17.33	17.25	17.30	17.42
12611	54.62	87.76	108.80	129.70	150.39	170.60
12631	21.22	26.49	29.51	33.38	34.33	34.95
12632	11.56	14.05	14.16	14.26	14.35	14.50
12633	3.82	8.45	8.66	8.73	8.67	8.57
12633.2	9.74	14.53	17.30	19.11	19.02	18.65
12634	6.23	6.61	6.64	6.70	6.76	6.82
12635	26.58	30.13	29.51	29.27	29.04	29.20
12636	4.66	9.29	9.34	8.88	8.41	6.90
12637	12.56	19.23	20.69	20.67	20.54	20.36
12638	10.38	13.48	13.50	13.41	13.20	11.60
12639	8.41	9.14	9.22	9.31	9.40	9.53
12651	26.80	42.34	52.73	62.98	73.19	83.12
12652	26.80	42.34	52.73	62.98	73.19	83.12
12671	37.72	58.58	68.60	78.53	88.44	98.10
12672	37.72	58.58	68.60	78.53	88.44	98.10
12691	72.17	113.50	132.96	152.40	171.79	190.79
12711	65.32	106.34	125.08	143.92	162.58	179.82
12731	58.83	100.55	120.80	138.67	156.71	179.27
12751	123.98	210.47	263.29	313.95	351.41	388.94
12771	6.63	9.56	11.40	13.12	14.16	15.07
12791	61.60	104.24	130.83	155.52	173.82	190.64

**Table B-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)
12792	60.37	103.12	129.74	154.48	172.84	189.71
12811	121.94	207.26	260.49	309.82	346.11	379.19
12831	361.40	594.72	742.50	894.33	1,041.66	1,182.90
12851	361.11	594.15	741.85	893.35	1,040.65	1,181.65
12871	355.30	584.26	731.18	877.66	1,024.49	1,159.87
12911	353.48	578.49	723.90	868.46	1,008.93	1,148.01
12931	3.97	5.29	6.19	7.14	7.91	8.56
12951	30.52	38.72	40.97	42.43	43.33	44.50
12971	11.51	17.67	21.27	23.04	23.18	23.32
12991	40.43	42.10	44.43	54.69	65.32	72.44
13011	33.05	42.50	43.24	53.15	55.34	55.71
13031	76.40	107.71	125.28	135.65	135.77	135.83
13051	10.67	13.31	15.89	18.70	21.51	24.10
13071	11.81	16.58	20.07	23.82	27.68	31.53
13111	5.97	6.63	6.66	6.71	6.77	6.83
13112	5.98	6.66	6.68	6.72	6.78	6.84
13131	48.80	64.73	70.16	73.91	77.77	79.62
13132	48.81	64.50	69.55	80.95	84.38	82.87
13133	48.80	64.44	69.55	80.98	84.38	83.76
13134	60.85	83.62	93.08	96.49	96.49	97.22
13151	18.40	29.20	34.00	37.17	38.27	37.98
13171	23.73	36.85	39.43	39.53	39.43	39.30
13191	91.55	121.74	136.30	147.50	161.57	166.24
13211	115.79	159.54	175.85	186.21	200.67	204.98
13231	116.48	160.89	177.65	188.55	203.39	208.14
13251	39.07	53.98	59.64	63.40	68.31	69.98
13252	39.07	53.98	59.64	63.40	68.31	69.98
13253	39.07	53.98	59.64	63.40	68.31	69.98
13271	145.65	209.05	240.24	267.13	288.43	305.37
13291	72.67	104.38	120.11	133.60	143.70	152.91
13292	72.67	104.38	120.11	133.60	143.70	152.91
13311	145.29	208.67	240.14	267.29	288.50	306.61
13331	438.39	722.88	906.83	1,088.73	1,261.83	1,433.34
13351	23.93	37.41	46.15	47.29	47.33	47.39
13352	23.95	37.42	46.16	47.34	47.39	47.41
13353	23.93	37.41	46.13	47.33	47.39	47.45
13354	15.76	24.51	29.85	31.07	31.75	32.06
13355	8.04	12.73	16.05	16.71	17.07	17.20
13356	23.23	36.74	45.37	49.15	50.25	51.25
13391	439.56	727.64	915.06	1,105.73	1,278.15	1,456.26
13431	442.90	735.61	926.76	1,123.63	1,295.58	1,481.93
13451	484.31	791.53	985.76	1,188.58	1,373.76	1,556.35
13471	9.68	16.36	20.82	25.44	30.15	34.97

**Table B-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)
13472	9.68	16.36	20.82	25.44	30.15	34.97
13491	493.35	805.93	1,004.33	1,202.14	1,403.07	1,586.29
13511	504.57	825.91	1,031.01	1,238.02	1,446.75	1,638.72
13531	497.56	814.00	1,015.51	1,219.60	1,425.41	1,615.81
13551	24.27	38.35	47.94	57.41	66.45	73.67
13571	22.55	36.10	44.89	53.94	62.12	67.08
13591	22.32	35.83	44.61	53.53	60.81	61.01
13611	30.31	48.75	60.75	73.09	85.71	98.63
13631	94.27	152.52	190.52	230.65	273.17	307.66
13671	4.35	7.63	9.10	10.43	20.34	26.99
13691	20.86	34.68	36.88	40.37	42.49	44.89
13711	523.91	853.54	1,063.78	1,276.50	1,492.98	1,694.77
13731	530.21	862.68	1,075.81	1,286.62	1,500.40	1,700.61
13751	520.97	845.57	1,055.37	1,260.91	1,472.27	1,669.11
13771	503.03	811.72	1,010.37	1,207.23	1,407.74	1,596.13
13791	4.27	7.54	8.93	10.21	18.20	20.12
13971	3.51	8.54	11.12	13.15	15.12	16.47
13972	5.70	10.44	13.05	15.19	17.65	19.43
13973	7.56	13.06	15.88	19.73	22.31	24.60
13991	19.14	30.24	36.14	38.85	42.19	45.99
13992	19.29	30.86	36.69	39.47	42.88	46.75
13993	17.68	24.99	28.86	31.44	38.09	52.29
13994	42.11	64.07	76.16	84.17	91.96	101.18
14011	28.09	43.62	51.35	58.11	63.32	68.37
14012	22.37	34.01	39.83	44.43	47.79	50.08
14031	42.47	65.50	77.87	86.47	94.62	103.92
14032	42.66	66.42	79.13	88.25	96.96	106.55
14033	136.23	218.01	266.87	307.15	344.93	392.68
14051	13.21	22.49	28.39	32.49	34.92	36.99
14072	0.32	3.91	7.59	11.85	16.35	20.67
14091	17.51	27.91	33.88	40.80	47.39	54.04
14111	15.08	18.84	21.70	23.94	26.18	28.73
14131	11.79	32.51	55.10	74.81	77.64	76.75
14151	11.03	29.03	51.00	68.44	69.24	67.27
14171	6.50	40.27	66.00	90.65	95.51	100.23
14191	6.01	36.77	62.30	85.97	90.11	93.38
14211	4.23	29.51	53.17	74.39	76.47	77.48
14231	39.78	57.82	68.41	80.16	91.89	104.17
14251	41.91	72.42	93.47	115.77	138.33	161.85
14271	8.28	13.02	15.53	17.30	26.61	24.47
14291	44.78	58.24	67.14	74.34	75.84	76.53
14292	15.35	24.31	28.84	31.92	34.36	36.30
14311	7.54	28.16	45.67	62.70	70.28	75.94

**Table B-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)
14331	44.30	56.76	64.85	71.19	72.27	70.93
14351	45.09	58.20	66.46	72.47	74.49	74.77
14371	5.35	20.85	33.80	44.20	50.99	53.66
14391	54.76	68.51	78.79	89.24	91.23	91.50
14411	15.57	26.55	39.37	51.94	67.78	79.91
14431	13.57	26.71	40.01	53.85	69.68	81.66
14451	1.05	3.90	7.65	11.94	16.43	20.76
14471	23.29	36.88	45.82	55.01	64.47	74.23
14491	152.01	248.03	310.18	373.72	439.52	508.27
14511	26.98	42.03	52.02	62.46	72.71	79.71
14531	9.02	13.21	15.35	17.07	19.09	21.09
14551	123.87	218.72	285.28	355.46	426.63	500.25
14571	42.31	67.45	83.66	99.82	116.12	129.76
14591	17.57	28.19	34.17	39.62	43.92	45.40
14592	17.57	28.19	34.17	39.62	43.92	45.40
14611	33.85	54.20	64.56	73.10	79.00	90.04
14631	47.18	75.19	89.03	99.50	123.80	141.17
14651	22.54	35.80	42.36	47.01	51.17	52.30
14652	23.56	35.57	40.97	47.01	51.17	52.30
14671	38.66	62.46	75.91	87.80	93.02	94.83
14691	154.69	268.03	341.61	416.04	483.39	544.51
14711	12.41	20.51	25.82	31.40	37.07	45.25
14731	16.05	25.24	31.43	37.89	44.51	52.68
14751	16.39	28.54	36.33	42.71	46.46	48.42
14771	5.11	9.21	12.49	16.56	20.22	24.28
14791	17.66	32.28	43.59	52.01	59.87	69.54
14811	7.45	13.61	18.21	21.41	24.38	27.54
14812	7.45	13.61	18.21	21.41	24.38	27.54
14831	11.52	21.89	30.00	38.67	44.33	49.64
14851	1.31	2.26	2.98	4.13	4.42	4.64
14852	1.67	1.90	2.38	3.20	4.32	4.67
14871	6.35	9.54	11.29	12.46	13.14	14.40
14872	6.35	9.54	11.29	12.46	13.14	14.40
14891	14.07	23.71	30.01	36.19	41.79	46.38
14911	25.09	39.91	50.53	63.63	79.30	98.05
14931	19.93	40.11	53.76	68.21	83.55	99.50
14951	13.14	36.26	59.86	81.62	86.83	86.89
14952	16.01	39.40	63.39	85.81	93.38	93.77
14971	32.09	53.06	67.87	82.91	98.37	118.23
14991	98.69	123.41	139.68	152.80	153.82	152.52
15011	6.46	12.81	16.27	19.60	23.05	26.54
15012	4.66	9.45	13.16	16.96	20.75	24.47
15031	10.62	19.35	22.45	24.81	26.34	26.74

**Table B-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)
15051	16.98	24.68	25.28	26.02	27.00	27.36
15053	41.91	46.81	52.09	60.15	61.90	62.16
15071	11.23	19.27	24.53	28.12	29.08	29.55
15072	11.23	19.27	24.53	28.12	29.08	29.55
15091	22.82	39.14	49.92	59.67	65.56	69.20
15111	26.78	38.98	49.95	57.73	57.97	57.70
15112	4.81	8.91	11.24	13.09	13.16	13.12
15131	2.31	4.40	5.71	6.66	6.70	6.72
15132	12.39	19.59	24.98	29.13	29.28	29.27
15133	12.39	19.59	24.98	29.13	29.28	29.27
15151	18.86	32.09	38.04	42.87	43.42	42.78
15171	15.39	27.76	33.67	36.07	36.99	37.94
15191	17.32	30.79	34.93	36.69	67.74	80.31
15211	47.32	84.96	105.22	120.98	125.79	127.61
15231	15.40	24.50	29.13	32.35	34.92	37.04
15251	10.14	6.33	9.29	12.53	16.54	21.40
15271	36.16	66.51	85.70	102.85	114.85	137.22
15291	35.52	64.51	83.04	99.70	111.53	137.27
15311	32.03	60.79	78.03	93.96	109.97	137.45
15331	31.96	61.29	78.43	93.91	110.06	137.70
15371	15.76	22.25	25.70	27.82	31.16	34.96
15391	214.14	369.58	466.60	564.77	661.70	757.16
15411	208.73	363.15	460.59	560.22	658.63	755.03
15431	207.24	367.56	471.34	577.78	683.23	788.08
15451	6.05	9.79	12.29	14.90	17.61	20.46
15452	6.05	9.79	12.29	14.90	17.61	20.46
15453	6.05	9.79	12.29	14.90	17.61	20.46
15471	21.88	35.78	45.24	55.29	65.91	77.96
15491	222.30	400.84	517.62	635.91	755.27	873.44
15511	221.86	400.02	516.72	634.92	754.28	872.03
15531	255.97	466.74	592.20	719.10	840.15	975.55
15551	227.41	411.32	532.34	655.15	780.05	902.35
15571	14.89	22.31	25.79	27.75	29.19	32.85
15591	8.22	9.29	10.15	11.58	13.36	14.96
15592	8.22	9.29	10.15	11.58	13.36	14.96
15593	8.22	9.29	10.15	11.58	13.36	14.96
15611	24.27	26.26	27.50	27.54	27.52	27.63
15631	21.30	34.69	35.11	36.27	35.52	36.14
15651	35.86	49.77	49.79	48.92	55.03	56.18
15671	35.49	49.75	49.74	48.92	55.27	56.31
15691	256.31	467.44	593.14	720.12	841.39	982.77
15711	255.90	466.56	591.94	718.82	839.67	972.14
15731	255.88	466.44	591.73	718.63	839.43	967.66

**Table B-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)
15771	18.70	30.01	37.44	45.09	52.88	60.72
15791	275.82	506.76	645.54	786.65	923.94	1,053.98
15811	276.00	506.71	645.18	786.27	923.91	1,043.85
15831	284.35	524.21	665.44	809.30	952.69	1,074.40
15851	25.28	40.13	49.75	59.66	70.27	81.24
15871	287.90	530.50	673.55	819.79	963.82	1,074.51
15891	20.13	26.60	27.78	28.09	27.79	27.20
15911	30.76	47.33	58.00	69.04	80.05	90.39
15931	0.00	2.01	10.43	19.27	20.38	21.24
15932	30.25	43.62	47.97	47.81	48.76	49.73
15951	46.48	61.60	68.84	74.25	77.25	79.08
15971	30.25	45.64	58.08	60.27	62.19	64.00
15991	12.53	23.85	31.55	38.28	41.98	43.47
16011	320.77	586.36	749.64	906.42	1,057.89	1,150.87
16031	46.84	61.85	68.90	74.53	77.89	80.40
16051	325.80	590.10	753.84	911.72	1,065.01	1,252.82
16071	327.87	591.26	755.07	913.24	1,065.89	1,305.67
16091	46.49	61.62	68.87	74.38	77.53	79.54
16111	39.53	58.13	67.74	77.84	79.49	82.39
16131	56.98	80.88	95.47	104.21	106.34	106.57
16151	25.99	38.21	45.07	50.04	53.92	54.89
16171	77.17	110.33	127.20	129.04	130.43	127.75
16191	87.37	126.21	146.88	152.06	156.52	158.98
16211	0.38	3.90	7.61	11.87	16.37	20.69
16231	1.87	4.57	7.89	12.17	16.63	20.94
16251	18.38	27.86	30.49	41.11	43.16	43.69
16271	44.87	67.14	74.52	78.63	81.02	82.58
16291	62.02	94.46	107.47	114.72	124.84	131.77
16311	4.60	9.89	10.16	10.66	12.32	14.21
16331	84.87	123.77	138.86	140.94	141.70	141.76
16351	27.71	37.18	37.41	37.33	37.20	37.07
16371	23.90	40.52	51.81	61.90	68.60	73.07
16391	26.30	34.88	35.51	35.20	35.07	34.77
16411	26.09	38.59	43.61	45.39	46.93	49.27
16431	24.29	27.30	28.28	28.30	28.84	29.57
16451	99.79	133.18	149.72	157.95	164.65	167.40
16471	100.76	135.67	152.05	160.29	165.75	168.68
16491	150.87	212.67	239.30	250.31	257.52	263.13
16511	80.75	116.56	131.55	142.38	150.49	155.85
16512	80.75	116.56	131.55	142.38	150.49	155.85
16531	160.63	233.09	263.99	285.53	301.88	312.91
16533	26.50	35.26	36.11	36.59	36.85	37.04
16551	82.86	121.49	138.84	151.88	162.29	169.89



**Table B-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)
16552	82.86	121.49	138.84	151.88	162.29	169.89
16571	165.77	243.54	277.85	303.74	324.35	338.90
16591	46.48	61.51	68.76	73.78	76.46	77.83
16611	395.60	716.18	916.66	1,127.12	1,340.30	1,503.15
16631	275.90	506.70	645.28	786.38	925.11	1,048.24
16651	207.90	365.53	466.66	570.43	672.38	773.28
16671	399.85	723.07	924.98	1,137.48	1,358.94	1,771.07
16691	323.52	588.58	752.17	909.61	1,066.61	1,225.18
16711	10.71	14.84	17.48	21.19	25.62	29.91
16731	3.59	9.71	15.06	21.34	28.26	35.02
16751	1.79	4.86	7.56	10.75	14.27	17.66
16752	1.79	4.86	7.56	10.75	14.27	17.66
16791	7.96	11.86	13.89	17.36	20.51	24.90
16792	7.96	11.86	13.89	17.36	20.51	24.90
16811	24.35	26.24	27.58	28.04	27.70	27.73
16831	40.32	60.70	70.86	81.44	90.48	100.11
16851	19.16	28.05	31.71	38.32	43.89	47.68
16852	19.16	28.05	31.71	38.32	43.89	47.68
16871	37.55	53.24	64.59	80.36	88.10	93.54
16891	18.34	24.91	32.91	42.00	44.01	46.74
16892	18.34	24.91	32.91	42.00	44.01	46.74
16911	69.42	103.21	122.59	154.36	183.69	196.50
16951	44.95	67.52	80.39	100.94	123.05	134.87
16952	44.95	67.52	80.39	100.94	123.05	134.87
16971	81.24	123.93	159.05	215.66	236.04	251.45
16991	88.26	160.68	195.30	282.40	263.92	287.95
17031	7.52	12.36	15.61	18.63	21.99	25.35
17051	97.21	171.81	224.72	279.95	270.26	292.87
17071	121.87	199.03	247.85	271.60	263.50	276.17
17091	92.58	158.39	194.84	272.75	256.66	276.00
17131	2.74	9.94	14.51	19.13	23.51	27.54
17151	34.11	53.91	66.86	80.29	92.87	95.40
17191	112.67	181.58	227.40	315.59	324.65	342.43
17251	37.70	58.94	72.41	85.14	96.73	98.59
17291	152.71	240.21	309.11	398.98	434.54	461.87
17311	75.57	119.76	153.63	197.52	216.66	230.92
17312	75.57	119.76	153.63	197.52	216.66	230.92
17351	149.31	239.18	304.85	391.22	432.27	461.65
17371	148.35	237.90	302.00	385.76	431.11	461.78
17391	6.82	10.86	13.61	16.41	18.74	19.21
17392	6.82	10.86	13.61	16.41	18.74	19.21
17393	6.82	10.86	13.61	16.41	18.74	19.21
17394	6.82	10.86	13.61	16.41	18.74	19.21

**Table B-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)
17411	157.71	252.68	321.23	406.03	457.72	489.37
17431	27.50	43.96	55.10	66.65	78.59	90.85
17451	27.13	43.17	53.72	64.80	76.31	88.20
17471	173.16	279.35	356.11	445.44	518.40	554.87
17491	186.46	303.03	384.35	477.20	558.06	598.44
17551	529.72	877.36	1,119.90	1,369.82	1,652.34	1,820.03
17591	12.87	20.57	25.63	30.85	36.22	41.76
17592	12.87	20.57	25.63	30.85	36.22	41.76
17611	25.60	41.02	51.19	61.68	72.50	83.66
17612	25.47	40.98	51.25	61.89	72.87	84.24
17631	55.86	89.48	111.70	134.67	158.43	182.96
17671	55.94	89.29	111.17	133.41	156.49	183.50
17711	21.02	34.62	46.28	60.25	80.35	98.64
17712	17.84	28.29	34.80	40.45	45.56	48.22
17713	16.99	27.07	33.30	38.88	43.97	46.67
17731	55.41	90.65	113.13	131.80	156.58	186.11
17771	544.51	899.43	1,150.34	1,409.23	1,679.83	1,877.83
17791	540.90	901.10	1,152.92	1,412.28	1,692.61	1,876.74
17811	535.69	899.36	1,150.53	1,409.26	1,694.06	1,868.16
17831	521.62	904.29	1,158.44	1,419.84	1,690.19	1,855.88
17911	57.71	94.46	110.96	113.70	114.19	114.23
17931	84.37	137.68	160.39	164.74	172.66	179.82
17951	84.58	137.55	158.62	164.42	171.78	178.79
17971	42.50	68.97	79.59	82.20	85.91	89.94
17972	42.50	68.97	79.59	82.20	85.91	89.94
17991	109.18	177.07	212.38	229.04	247.89	268.79
18011	88.96	152.48	190.69	209.32	227.96	241.27
18012	88.96	152.48	190.69	209.32	227.96	241.27
18031	60.73	82.12	93.80	104.94	114.18	119.86
18051	51.88	76.97	91.07	102.93	112.07	116.65
18071	61.66	102.38	126.26	140.88	157.33	184.14
18072	61.66	102.38	126.26	140.88	157.33	184.14
18151	563.71	979.71	1,246.59	1,513.09	1,780.09	1,937.68
18191	1,054.10	1,743.00	2,195.66	2,659.17	3,124.32	3,473.38
18211	1,072.07	1,762.04	2,212.41	2,673.56	3,136.83	3,477.33
18231	8.93	11.43	12.99	14.50	15.98	17.47
18251	8.89	11.42	12.98	14.49	15.98	17.47
18271	26.22	32.69	33.58	35.12	37.33	38.71
18291	1,098.99	1,802.48	2,263.50	2,736.54	3,212.54	3,573.54
18311	1,093.77	1,793.91	2,253.60	2,725.59	3,201.51	3,557.56
18351	7.31	8.54	10.90	13.17	15.45	17.60
18371	37.26	57.15	68.40	77.39	84.22	90.35
18391	49.21	77.75	96.46	115.60	135.10	154.66

**Table B-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)
18411	27.84	44.34	55.36	66.66	67.56	65.83
18431	9.07	18.57	25.96	34.07	41.55	49.93
18471	10.82	14.13	15.82	17.37	19.36	21.44
18491	5.44	7.48	8.51	10.16	12.25	14.26
18511	5.32	13.22	18.71	24.32	29.67	34.52
18531	17.23	27.34	33.92	40.70	47.90	48.41
18551	18.70	28.45	34.02	37.32	37.27	36.45
18591	25.77	38.18	47.29	56.56	65.87	75.17
18631	30.82	49.01	61.30	75.10	89.45	108.14
18651	17.51	28.07	34.97	42.04	49.66	57.48
18691	6.91	6.91	6.91	6.88	6.73	6.73
18711	6.72	7.60	7.93	8.16	9.02	9.04
18731	20.47	25.24	27.05	28.07	28.37	28.54
18751	19.68	22.09	23.33	24.25	24.28	24.29
18771	19.67	22.54	23.94	24.61	24.61	24.60
18791	55.90	80.31	94.92	108.81	124.15	140.83
18811	82.59	125.40	152.18	178.50	203.77	235.24
18851	99.39	153.82	187.75	220.53	252.11	295.02
18871	12.24	19.40	24.05	28.84	33.76	38.80
18891	111.23	173.36	210.81	243.60	279.46	349.50
18911	120.34	190.70	226.84	256.03	288.02	309.61
18931	7.94	12.43	15.20	17.86	20.48	21.94
18951	84.45	143.59	172.44	202.81	228.68	236.76
18952	32.58	38.61	40.72	42.40	43.60	44.26
18971	116.46	176.03	203.64	234.37	254.25	258.30
18991	7.45	11.47	13.52	15.32	15.87	16.48
19011	7.56	11.57	13.18	14.27	14.26	13.93
19031	7.37	10.30	11.22	11.38	10.82	10.03
19051	8.35	14.39	17.98	20.94	23.06	24.46
19052	8.37	14.42	18.02	21.00	23.13	24.54
19071	2.82	2.92	2.94	2.95	2.96	2.90
19091	2.86	3.09	3.11	3.08	3.04	2.99
19111	2.83	3.01	3.04	3.08	3.10	2.98
19131	18.33	25.83	28.33	29.18	29.55	29.96
19151	19.99	34.08	42.35	48.84	52.86	54.41
19152	19.99	34.08	42.36	48.87	52.90	54.46
19153	19.99	34.08	42.38	48.91	52.95	54.49
19154	19.99	34.08	42.41	48.96	53.00	54.53
19155	20.00	34.12	42.45	49.02	53.05	54.56
19156	20.01	34.20	42.49	49.07	53.06	54.56
19157	20.04	34.30	42.57	49.15	53.15	54.62
19158	20.12	34.51	42.70	49.27	53.28	54.70
19159	20.20	34.68	42.80	49.35	53.35	54.77

**Table B-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)
19171	18.33	25.84	28.34	29.19	29.56	29.97
19191	32.99	51.92	63.04	72.80	83.01	93.78
19211	32.46	51.60	62.84	72.54	82.31	93.54
19231	62.00	98.45	121.23	143.29	164.14	190.49
19251	64.26	104.99	131.73	157.31	192.38	203.87
19271	62.92	100.02	122.43	144.48	166.35	196.88
19291	20.88	36.63	45.56	53.08	58.09	60.35
19292	23.37	36.93	45.76	53.23	58.26	60.51
19293	132.40	207.44	244.70	283.06	310.45	319.05
19351	19.46	31.75	40.13	49.81	58.74	64.75
19371	18.61	29.06	34.68	37.25	40.95	44.16
19391	17.18	26.57	31.63	34.17	37.92	40.56
19411	139.78	220.30	262.80	306.92	339.51	355.54
19431	7.04	11.02	12.05	13.24	14.40	14.54
19451	192.98	314.34	379.41	443.46	498.51	534.44
19471	102.40	165.05	184.33	221.03	248.30	265.11
19472	90.47	149.13	205.29	229.01	248.30	265.11
19491	200.99	330.67	399.67	467.33	527.16	562.31
19511	21.64	34.80	43.45	52.37	61.52	70.95
19531	206.90	344.39	417.11	487.79	551.11	592.58
19551	201.63	335.10	409.76	480.23	541.15	582.07
19591	36.77	53.29	66.23	69.22	69.96	70.55
19611	60.82	87.64	97.01	97.72	97.78	97.85
19631	60.80	87.59	96.94	97.69	97.76	97.85
19651	56.54	81.86	91.80	96.06	98.31	102.10
19691	1,108.34	1,776.74	2,239.65	2,720.23	3,207.00	3,611.68
19711	1,226.99	1,956.24	2,476.29	3,023.87	3,585.01	4,083.93
19751	47.56	74.06	92.08	111.17	126.55	127.58
19811	1,026.82	1,668.48	2,121.59	2,599.54	3,096.94	3,527.71
19831	657.86	1,051.65	1,323.36	1,600.26	1,965.88	2,461.25
19851	537.96	869.66	1,117.82	1,402.78	1,717.01	2,037.60
19871	538.87	871.11	1,119.41	1,404.50	1,718.17	2,038.78
19891	54.46	84.69	106.94	121.94	123.49	123.71
19911	49.42	77.93	97.85	107.94	108.11	108.27
19971	541.25	874.34	1,123.13	1,408.96	1,724.01	2,046.67
ORIFICE1@289-293	4.02	4.87	4.87	4.87	4.87	4.87
ORIFICE2@365-379	4.24	5.11	5.53	5.99	6.65	7.08
WEIR1@289-293	0.00	1.35	2.90	3.34	3.70	4.03
WEIR2@365-379	0.00	2.57	3.74	4.65	4.87	4.88
WEIR3@711-713	2.74	9.93	14.50	19.12	23.49	30.40
WEIR4@957-971	209.94	312.19	390.81	455.45	497.42	535.71
WEIR5@967-969	90.44	143.51	175.34	193.62	192.93	181.33