



Appendix D

Peak Discharges

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)
A1C115	10.63	10.61	10.60	10.51	10.48	10.52
A1C135	15.15	15.41	15.42	15.60	15.89	16.19
A1C135A	2.41	2.41	2.43	2.41	2.41	2.55
A1C195	34.32	35.58	36.00	36.54	37.15	37.75
A1C205	36.27	43.40	44.77	48.28	47.22	43.60
A1C215	36.21	42.97	43.91	46.65	45.18	41.62
A1C225	35.87	37.11	37.63	38.22	38.77	39.24
A1C230	4.77	4.49	4.35	4.25	4.18	4.13
A1C235	8.76	13.42	16.36	19.55	21.02	21.14
A1C275	5.73	9.69	12.02	14.96	15.77	16.28
A1C280	13.60	12.67	12.39	11.36	10.62	10.03
A1C310	12.29	12.10	12.10	12.06	11.77	12.21
A1C330	18.25	17.73	17.46	16.95	16.57	15.92
A1C340	53.59	51.61	50.36	49.60	47.87	46.34
A1C360	20.16	20.75	20.52	20.25	20.55	20.58
A1C370	18.21	25.49	34.35	40.46	40.53	40.39
A1C410	10.19	16.29	19.77	21.02	21.03	20.98
A1C435	33.66	35.18	35.59	36.10	36.74	40.23
A1C445	32.24	37.46	40.44	42.20	38.72	34.65
A1C475	32.43	37.70	40.70	42.46	38.89	34.83
A1C495	40.38	45.68	49.36	52.07	62.48	68.00
A1C510	39.00	38.23	37.10	36.28	35.10	33.98
A1C580	70.30	74.82	78.04	81.54	84.94	87.69
A1C580A	70.68	75.29	78.55	81.38	84.95	87.62
A1C590	89.56	105.92	116.15	128.14	141.04	152.30
A1C610	81.10	94.99	121.90	141.36	141.94	150.70
A1C770	17.77	17.31	17.09	17.00	17.11	16.99
A1D226	65.23	91.85	106.16	121.40	138.59	155.11
A1D227	65.48	92.12	106.47	121.72	138.93	155.63
A1D228	66.41	93.55	108.22	123.81	142.61	160.20
A1D231	7.25	7.77	8.15	5.77	5.51	5.23
A1D232	28.84	27.21	26.52	25.37	24.09	22.88
A1D233	10.27	9.79	9.47	9.19	8.92	8.76
A1D234	25.79	24.29	23.55	22.40	21.76	21.69
A1D235	32.67	44.86	45.41	42.05	44.00	39.37
A2C115	17.15	55.49	81.57	94.27	107.02	102.95
A2C125	12.47	88.72	143.74	176.88	206.08	210.21
A2C135	14.81	14.36	14.41	18.69	22.83	24.65
A2C165	4.03	6.45	7.84	9.41	11.17	12.77
A2C185	7.04	11.49	14.68	17.40	20.67	23.80
A2C195	22.85	36.16	52.52	62.79	74.01	83.20
A2C200	13.69	13.18	12.90	12.40	11.92	11.67
A2C205	20.75	21.25	21.56	21.92	22.25	22.53

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)
A2C215	22.69	24.77	26.10	27.40	29.01	31.51
A2C235	18.42	18.36	18.06	17.48	16.63	16.12
A2C250	14.96	14.75	14.43	14.29	13.76	12.82
A2C330	8.42	7.99	7.89	7.65	7.33	7.03
A2C340	13.02	20.84	25.38	30.39	30.61	30.61
A2C525	13.66	19.70	22.68	23.83	24.38	23.34
A2D220	93.30	141.35	168.70	201.35	240.40	275.79
A2D221	1,947.85	2,878.39	3,363.22	3,892.83	4,492.06	5,053.70
A3C145	33.58	38.86	39.37	39.94	40.59	40.67
A3C155	33.30	38.73	39.05	39.79	40.53	40.60
A3C175	33.97	38.98	40.40	42.88	44.25	45.16
A3C185	41.75	52.83	56.42	59.28	61.07	62.21
A3C260	9.57	9.61	9.64	9.67	9.71	9.73
A3C265	4.23	7.22	8.40	9.98	11.35	13.05
A3C275	5.19	7.21	7.39	7.11	7.87	12.01
A3C285	11.84	16.48	20.31	24.59	28.88	45.91
A3C295	10.89	16.17	19.44	23.68	28.20	35.75
A3C305	11.33	17.06	20.43	24.83	29.56	33.33
A3C315	11.83	18.20	21.51	25.96	30.88	35.64
A3C405	20.99	29.95	36.91	44.69	52.36	54.46
A3C420	19.01	27.01	28.44	32.03	35.83	39.13
A3C465	3.75	5.98	7.29	8.79	10.49	12.08
A3C490	15.91	15.92	15.96	16.08	16.25	16.38
A3C505	18.47	27.30	32.33	35.07	36.89	37.79
A3C515	67.67	82.36	84.33	84.61	86.25	87.72
A3C535	102.74	119.33	122.57	125.04	128.25	130.95
A3C545	32.61	40.85	49.06	58.07	66.62	70.33
A3C595	108.02	129.06	135.76	141.11	147.28	152.78
A3C600	12.20	14.43	15.04	15.57	16.24	17.09
A3C625	113.89	139.28	148.60	156.83	163.13	495.14
A3C640	17.34	19.09	19.53	19.80	20.14	20.44
A3C685	6.71	26.72	28.69	29.70	30.37	31.92
A3C690	10.05	10.57	10.42	10.29	10.49	10.54
A3C695	32.78	38.52	39.45	39.53	40.40	40.48
A3C715	21.59	30.40	32.83	33.44	36.54	39.28
A3C725	10.21	18.00	19.99	23.13	27.89	31.67
A3C735A	5.13	9.11	10.12	11.78	14.60	16.56
A3C745A	11.08	19.55	21.78	27.32	44.40	53.84
A3C755	20.72	29.04	32.43	32.65	32.99	32.03
A3C765	21.48	30.59	34.24	38.15	38.74	37.46
A3C775	22.89	32.64	36.59	50.14	50.93	49.52
A3C785	41.38	59.71	64.75	112.93	114.44	111.55
A3C795	41.40	59.55	64.60	64.74	64.35	90.98

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)
A3C805	41.72	59.35	64.73	59.67	58.07	63.10
A3C835	6.41	26.64	28.65	29.67	30.35	31.89
A3C870	21.76	26.58	28.38	29.37	29.48	28.07
A3C880	19.02	23.51	24.29	24.48	24.97	25.32
A3C905	6.08	26.59	28.62	29.65	30.34	30.54
A3C920	10.32	18.50	21.35	24.23	27.48	29.90
A3D506	50.55	61.99	65.04	66.34	67.07	67.05
A3D906	5.79	14.86	16.98	17.82	16.55	16.62
A3D907	3.33	3.52	3.55	3.52	3.53	3.53
A4C1040	7.53	11.88	14.41	20.02	19.30	17.69
A4C1080	21.78	22.06	28.83	36.25	38.31	38.92
A4C1170	82.51	99.84	107.41	114.95	122.06	127.64
A4C1190	24.07	27.50	29.23	31.06	32.91	33.79
A4C1300	36.13	45.34	50.29	55.87	62.03	66.20
A4C1310	80.09	96.25	102.54	108.25	113.83	119.66
A4C1420	116.63	144.17	157.67	171.03	202.03	222.76
A4C1470	27.92	44.48	53.84	60.55	63.34	64.77
A4C155	31.77	31.04	31.45	34.59	37.39	37.43
A4C165	27.09	27.25	27.91	28.89	29.37	29.32
A4C1680	2.86	2.88	2.89	2.90	2.93	2.91
A4C230	14.01	14.32	14.54	14.83	15.21	15.58
A4C235	15.86	20.41	21.11	21.28	21.32	21.32
A4C265	12.40	15.16	19.90	24.92	26.85	27.20
A4C295	130.75	161.66	179.90	195.36	210.48	670.89
A4C305	15.54	19.82	20.26	20.27	20.25	20.22
A4C315	38.80	48.84	54.90	62.23	74.73	87.41
A4C335	24.85	29.79	32.35	42.36	47.65	51.69
A4C345	1.64	1.77	5.41	7.81	9.56	11.14
A4C350	32.53	34.54	34.81	34.96	34.93	34.48
A4C385	33.10	40.11	43.90	48.27	53.16	58.05
A4C490	12.17	12.88	35.22	48.34	49.14	52.82
A4C500	22.07	22.36	30.01	38.16	39.15	38.98
A4C525	35.59	44.94	48.70	52.29	52.36	50.88
A4C545	22.63	23.23	69.69	110.45	123.38	140.10
A4C580	4.15	6.06	7.10	7.71	7.88	8.12
A4C590	2.47	4.33	5.61	6.90	7.65	8.06
A4C610	3.91	6.37	7.79	7.92	8.02	8.53
A4C620	11.71	17.95	21.46	23.88	25.91	27.11
A4C750	61.31	67.51	69.65	70.60	71.12	71.15
A4C840	77.13	90.60	96.16	101.11	104.86	106.88
A4C890	22.01	22.34	29.93	37.92	38.73	38.24
A4C900	21.97	22.30	30.16	37.73	38.28	38.29
A4D1421	114.44	141.72	155.92	169.63	195.90	194.70

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

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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)
A4D300	160.25	213.54	241.73	274.23	301.43	574.97
A4D301	167.70	223.33	251.57	288.29	316.36	885.47
A4D302	326.62	431.59	485.47	551.39	610.09	658.72
A4D303	472.67	671.41	771.66	861.03	968.18	1,073.26
A4D304	1,243.48	1,692.87	1,934.01	2,153.93	2,413.98	2,661.48
A4D305	1,435.98	2,075.89	2,407.67	2,745.48	3,106.16	3,459.15
A4D306	1,706.40	2,523.03	2,956.45	3,422.37	3,926.19	4,390.41
A4D307	476.76	675.82	780.06	869.81	977.98	1,082.08
A4D316	38.41	48.24	54.21	61.79	74.84	87.37
A4D526	120.14	155.77	171.71	187.97	203.39	206.86
A4D527	103.92	127.65	137.66	148.45	160.40	198.38
A4D528	117.44	141.93	152.43	167.04	178.66	200.10
A4D529	117.42	141.92	152.41	167.04	178.65	201.40
A5C1000	1.92	3.32	7.93	9.67	11.47	12.94
A5C120	1.14	4.21	5.75	6.02	5.75	5.97
A5C1240	2.76	6.01	7.45	7.81	7.55	8.19
A5C1370	2.79	3.94	6.01	6.50	7.34	7.90
A5C1390	16.77	17.29	17.38	17.53	17.73	17.90
A5C150	19.55	20.82	20.91	20.91	20.48	19.87
A5C1550	4.60	8.10	8.75	9.32	9.95	10.46
A5C1590	6.69	22.63	22.40	22.05	26.84	26.45
A5C160	18.93	18.97	18.28	17.60	17.00	16.48
A5C1670	1.99	6.96	7.91	7.74	6.66	7.79
A5C1680	2.07	5.87	6.78	7.77	7.23	7.69
A5C1690	1.47	4.03	3.84	3.95	5.64	6.51
A5C170	11.08	16.71	18.52	18.83	18.67	19.82
A5C1720	2.33	4.04	5.81	7.79	9.58	11.04
A5C1730	2.93	4.76	5.80	7.80	9.62	11.13
A5C180	25.81	40.58	40.65	40.67	40.56	40.55
A5C1850	24.68	39.17	40.90	37.66	32.87	31.01
A5C1880	7.27	11.87	12.58	12.35	12.01	11.71
A5C190	17.93	27.18	27.77	27.07	25.47	25.81
A5C340	15.73	17.17	17.38	17.55	17.74	17.91
A5C350	15.73	17.17	17.38	17.55	17.74	17.91
A5C370	24.10	29.00	30.71	32.64	34.60	35.68
A5C625	19.02	14.35	13.45	12.86	12.44	12.14
A5C635	28.82	22.98	23.18	30.03	40.43	51.44
A5C645	6.94	29.59	35.95	40.31	42.84	46.74
A5C655	7.47	19.58	22.46	25.70	29.47	32.82
A5C685	23.96	28.90	30.32	32.63	34.50	35.54
A5C715	6.28	10.06	12.12	11.91	9.87	10.38
A5C755	6.16	9.95	12.14	14.22	15.73	14.96
A5C785	5.53	6.91	6.00	6.02	6.07	6.11

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

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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)
A5C810	5.92	8.65	9.19	9.23	9.05	8.89
A5C815	15.73	17.17	17.37	17.55	17.74	17.91
A5C910	2.25	5.41	7.04	7.31	7.12	6.92
A5C960	4.07	13.16	15.41	15.64	15.45	15.64
A5C980	1.66	3.13	7.79	6.94	6.68	6.41
A5D1591	18.85	24.14	32.19	38.54	44.66	42.68
A5D624	27.69	22.83	21.94	21.62	23.57	25.48
A6C135	21.20	23.95	32.08	38.54	41.31	41.85
A6C195	13.88	16.35	17.74	17.35	18.51	19.03
A6C215	63.63	111.68	128.54	128.62	127.99	128.07
A6C225	74.68	88.25	123.98	131.17	134.63	137.51
A6C235	41.55	52.66	57.30	63.60	69.65	74.35
A6C255	63.06	92.97	126.27	118.63	114.40	112.25
A6C265	85.76	114.52	141.84	136.91	132.57	133.16
A6C315	54.01	66.34	69.68	72.39	70.91	70.10
A6C3160	8.97	9.66	10.51	11.54	12.72	13.80
A6C3200	5.74	6.15	6.28	6.32	6.35	6.69
A6C3210	6.01	6.32	6.61	6.80	7.00	8.69
A6C3220	5.56	6.02	5.97	5.88	5.81	5.72
A6C3230	22.80	29.23	32.59	36.31	40.31	43.69
A6C325	28.48	29.66	30.14	30.53	30.48	30.15
A6C3250	21.88	27.82	30.96	34.39	38.08	41.15
A6C335	24.02	24.30	24.34	24.63	25.00	25.26
A6C3490	10.66	13.72	14.06	13.86	14.18	14.60
A6C3580	10.69	12.93	12.97	13.87	14.19	14.60
A6C365	28.65	47.93	48.21	48.24	48.71	49.50
A6C3660	5.53	6.50	6.50	6.94	7.10	8.54
A6C3670	33.59	49.20	56.59	64.16	72.13	75.25
A6C3680	32.01	48.14	55.58	62.82	71.17	71.88
A6C3690	31.82	51.96	60.44	66.35	71.26	71.56
A6C3700	32.20	48.36	55.57	62.26	69.10	69.98
A6C3710	11.27	11.12	12.19	12.59	13.24	14.18
A6C3720	2.73	5.80	6.63	6.82	6.87	7.42
A6C3730	5.27	5.77	6.00	6.98	8.91	10.60
A6C3750	10.56	12.68	14.50	14.92	16.41	18.99
A6C3830	11.79	18.73	22.85	27.54	33.24	38.64
A6C3890	11.52	18.37	22.44	27.15	33.12	33.14
A6C3920	11.27	17.91	21.82	26.94	29.91	31.71
A6C4060	9.00	9.65	10.50	11.52	12.70	13.78
A6C4110	74.20	86.75	93.81	97.40	100.53	102.92
A6C4160	151.74	177.82	193.01	202.03	210.27	217.10
A6C4200	77.84	93.90	100.39	107.85	115.45	121.33
A6C4210A	74.17	86.68	93.75	97.37	100.52	102.95

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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)
A6C4220	70.34	83.56	89.40	92.01	93.93	95.08
A6C4270	72.42	82.87	89.13	91.68	93.56	94.67
A6C445	8.78	11.10	11.09	10.98	10.77	10.59
A6C455	143.00	168.05	178.69	183.47	187.16	189.42
A6C465	63.72	77.45	82.23	83.11	84.14	84.32
A6C505	27.63	35.46	36.11	35.99	35.07	34.04
A6C5070	22.82	36.38	43.88	51.24	60.15	67.93
A6C5150	10.83	17.10	20.72	24.72	29.07	30.86
A6C5160	11.07	17.29	20.92	25.00	29.52	31.49
A6C5170	10.45	16.51	19.93	23.19	28.61	33.76
A6C575	34.55	39.60	50.58	50.29	49.15	48.57
A6C615	14.61	24.19	26.42	28.67	29.63	29.64
A6C8000	5.70	7.09	10.97	15.13	18.99	22.08
A6C8020	5.54	6.03	5.97	5.88	5.84	5.82
A6C9020	14.18	16.37	18.39	19.13	19.38	19.49
A6C9080	15.29	16.44	16.50	16.53	16.98	17.08
A6C9120	9.50	15.01	17.96	20.52	21.11	21.01
A6C9160	9.11	13.82	17.01	18.77	19.17	19.15
A6C9200	9.30	14.32	17.29	19.53	19.99	19.90
A6C945	34.56	52.51	60.25	65.85	67.95	67.85
A6C955	22.87	36.05	43.06	49.41	59.88	67.78
A6C975	24.02	24.30	24.40	24.70	25.07	25.32
A6C985	14.77	24.47	26.72	29.03	30.19	30.49
A6D416	11.95	16.57	18.68	19.33	18.82	19.74
A6D4161	155.57	187.34	201.85	217.40	234.37	248.91
A6D946	37.84	45.35	56.20	56.91	55.31	57.68
A7C105	286.81	344.51	377.88	413.63	443.07	462.83
A7C135	103.91	124.08	135.62	148.25	158.96	167.08
A7C175	14.78	18.87	22.88	26.71	30.08	30.85
A7C225	7.32	11.12	12.59	13.85	14.75	14.70
A7C235	15.93	24.09	28.64	33.59	38.70	40.46
A7C295	10.75	12.06	12.83	13.69	14.63	15.30
A7C315	16.03	17.15	18.95	21.11	23.63	26.10
A7C355	20.73	33.48	41.20	49.62	59.38	68.44
A7C365	23.56	38.02	46.38	55.88	66.64	76.47
A7D356	311.38	380.04	423.96	477.49	527.55	555.21
A7D357	323.43	398.65	445.08	510.12	558.06	596.10
A7D358	359.38	445.11	504.18	583.78	650.60	705.86
A7D359	17.59	28.40	34.67	41.86	49.97	58.09
A7D360	23.93	38.63	47.18	57.05	68.30	78.82
A7D370	375.86	465.92	529.42	598.99	674.01	732.92
A7D371	405.82	508.66	582.39	664.56	758.97	842.63
A7D372	409.93	514.59	573.46	631.22	713.47	780.08

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)
A8C120	10.23	10.24	10.10	10.10	10.53	13.07
A8C125	6.48	9.04	10.39	11.33	11.38	11.41
A8C155	113.91	136.94	149.84	162.92	172.66	179.53
A8C160	42.48	46.83	46.23	43.98	44.46	44.71
A8C180	51.46	56.73	58.00	58.73	59.17	59.39
A8C190	9.01	9.92	10.98	11.16	11.75	14.03
A8C210	53.68	57.93	58.94	59.51	59.82	60.04
A8C2230	25.87	26.99	26.57	26.56	26.50	26.18
A8C2240	13.06	20.50	25.11	30.44	34.76	34.83
A8C230	69.77	71.67	72.57	73.29	74.20	75.81
A8C2340	16.03	21.15	21.18	21.17	21.23	21.28
A8C2360	16.05	21.28	21.44	21.42	21.24	21.29
A8C2390	208.01	190.78	196.23	192.73	192.26	205.39
A8C2430	47.44	50.08	53.69	57.89	60.44	62.53
A8C2470	48.74	51.61	55.18	59.17	61.65	63.68
A8C2530	5.98	5.98	9.00	20.14	20.14	20.13
A8C270	82.21	93.15	97.69	100.77	103.47	103.91
A8C330	75.99	91.33	95.62	100.00	102.12	103.38
A8C355	10.72	13.49	15.77	22.59	24.63	25.36
A8C425	5.41	7.31	11.41	14.92	21.39	25.31
A8C435	81.91	86.89	88.53	90.78	92.58	94.38
A8C445	90.92	95.74	98.83	106.10	109.48	111.82
A8C455	89.59	96.00	100.87	105.83	108.74	110.75
A8C535	80.39	82.17	83.86	86.12	88.22	89.76
A8C539	9.26	14.48	17.44	20.83	24.65	28.08
A8C545	29.28	39.76	42.76	46.03	48.36	48.61
A8C615	1.85	3.37	4.83	6.40	8.22	9.71
A8C705	4.41	7.09	8.84	10.92	12.58	13.80
A8C725	5.93	5.92	7.38	21.61	21.22	20.85
A8C745	5.93	8.55	9.85	11.20	11.17	11.28
A8C795	52.98	74.84	85.03	91.14	92.97	96.37
A8C805	36.05	58.11	69.94	75.60	79.49	83.06
A8C815	24.64	39.75	48.31	60.34	62.61	63.19
A9C240	13.71	18.72	19.10	18.96	18.32	18.70
A9C250	20.85	23.66	23.69	23.72	23.75	23.80
A9C250B	9.06	9.08	9.11	9.15	9.25	9.36
A9C280	9.77	13.31	13.31	13.31	13.31	13.31
A9C310	9.40	11.57	11.80	11.78	11.21	12.20
A9C360	57.55	76.17	83.66	90.81	95.74	98.12
A9C515	10.57	10.63	10.70	10.78	10.90	11.03
A9C525	10.51	10.54	10.65	10.74	10.87	11.09
A9C535	57.56	76.16	83.67	90.80	95.73	98.11
A9C545	57.72	80.32	87.97	95.16	99.15	101.45

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)
A9C605	36.66	44.88	44.96	45.02	44.98	44.97
A9C615	48.63	63.65	67.92	72.46	77.18	81.71
A9D311	53.47	68.70	74.44	79.53	102.91	147.10
A9D526	10.53	10.70	10.79	10.88	11.01	11.13
A9D527	11.22	13.53	14.03	14.26	14.46	14.48
A9D528	33.48	61.29	94.01	100.41	113.88	129.66
A9D546	68.78	105.50	116.55	129.46	141.80	147.87
A9D547	170.51	240.47	264.36	270.40	283.66	304.92
A9D548	158.79	233.44	265.24	285.19	314.73	337.67
A9D586	32.41	52.26	67.27	85.58	100.24	114.32
A9D587	24.54	48.07	72.69	88.47	102.19	115.54
A9D588	236.46	323.72	341.95	370.05	404.17	435.98
A9D589	240.45	335.48	371.95	400.02	432.81	469.35
A9D590	276.49	377.61	424.21	464.84	507.67	550.35
A9D591	285.37	387.32	431.54	489.18	539.42	581.71
A9D592	759.74	952.70	1,038.57	1,144.34	1,243.33	1,326.75
A9D600	852.39	1,089.06	1,189.84	1,288.21	1,389.35	1,479.10
A9D616	58.02	80.41	88.92	98.34	108.37	117.04
A9D700	137.24	219.33	256.55	277.70	301.09	335.32
A9D705	109.16	181.47	212.94	251.34	295.57	335.55
A9D710	47.71	77.27	88.99	105.23	123.32	139.63
B1C135A	7.51	11.34	13.26	15.28	17.37	19.12
B1C475	46.24	53.74	58.02	60.46	55.40	49.64
B3C735A	5.13	9.11	10.12	11.78	14.60	16.56
B3C870	43.32	50.04	50.65	50.61	50.94	52.11
B3D907	3.39	11.29	12.40	12.44	12.14	12.17
B4C525	35.59	44.94	48.70	52.29	52.36	50.88
B4C590	2.33	2.68	3.31	3.63	3.66	3.63
B4D526	103.92	130.27	144.38	159.57	173.78	184.00
B5C1690	2.84	4.03	4.04	3.21	4.04	4.73
B5C625	12.06	12.50	13.58	14.99	16.54	17.88
B6C3660	5.53	6.50	6.50	6.94	7.10	8.54
B6C3720	2.73	5.80	6.63	6.82	6.87	7.42
B6C3730	5.17	5.66	5.89	6.84	8.74	10.40
B6C4270	74.95	88.98	93.72	97.36	100.53	103.00
B6C445	8.78	11.10	11.09	10.98	10.77	10.59
B6C465	79.60	96.61	102.28	103.39	104.62	105.37
B6C575	34.55	39.60	50.58	50.29	49.15	48.57
B7C135	76.65	93.74	104.67	116.16	124.55	130.88
B8C155	113.91	136.94	149.84	162.92	172.66	179.53
B8C2470	45.06	49.71	52.80	56.83	59.38	61.65
B8C545	51.26	69.63	74.87	80.59	84.68	85.11
B8C805	36.05	58.11	69.94	75.60	79.49	83.06

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)
B9D710	23.11	37.38	43.03	50.88	59.62	67.49
C4C525	35.59	44.94	48.70	52.29	52.36	50.88
C6C445	8.78	11.10	11.09	10.98	10.77	10.59
C7C135	103.91	124.08	135.62	148.25	158.96	167.08
C8C155	36.11	43.31	47.58	52.11	55.54	58.31
C9D710	47.71	77.27	88.99	105.23	123.32	139.63

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A1C115	16.15	16.65	16.78	16.85	16.93	17.03
A1C135	15.14	15.42	15.47	15.60	15.91	16.22
A1C135A	2.47	2.47	2.47	2.47	2.47	2.55
A1C195	110.05	124.33	129.87	135.74	141.39	145.27
A1C205	118.52	136.03	142.81	149.54	155.75	158.41
A1C215	118.67	136.31	143.16	149.92	156.17	158.91
A1C230	5.33	5.35	5.36	5.37	5.39	5.40
A1C235	13.43	16.03	17.98	20.26	22.81	25.01
A1C275	9.39	11.69	13.30	15.08	17.03	18.24
A1C280	13.69	13.13	12.99	12.35	11.19	10.78
A1C310	12.39	12.16	12.16	12.25	12.23	12.22
A1C330	18.54	18.40	18.53	18.43	18.52	18.57
A1C340	55.16	53.92	53.65	54.13	54.05	54.95
A1C360	24.29	28.12	29.11	29.99	30.89	31.18
A1C370	21.83	26.80	32.05	40.41	40.59	40.63
A1C410	10.19	16.29	19.77	21.09	21.10	21.11
A1C435	106.37	119.97	124.86	130.07	135.09	138.76
A1C445	34.86	41.95	45.73	50.06	54.04	56.79
A1C475	34.94	42.06	45.87	50.23	54.25	57.03
A1C495	78.86	94.84	101.07	106.94	111.54	114.04
A1C510	40.03	40.29	40.08	39.78	39.71	39.60
A1C580	71.47	78.26	82.79	88.16	93.39	94.46
A1C580A	71.94	78.68	83.22	88.66	93.99	95.28
A1C590	90.77	109.43	120.94	134.40	148.98	158.68
A1C610	86.09	103.68	113.37	124.60	135.20	155.71
A1C770	17.99	17.90	17.91	17.98	18.01	18.03
A1D226	37.40	59.20	71.53	85.66	102.75	118.47
A1D227	37.61	59.46	71.81	86.03	103.18	118.95
A1D228	38.86	61.32	74.64	90.33	108.05	124.30
A1D231	8.09	8.98	9.03	9.08	9.09	9.10
A1D232	31.46	31.28	31.18	31.15	30.92	30.70
A1D233	12.59	12.70	12.75	12.80	12.85	12.90
A1D234	29.78	29.55	29.49	29.55	29.95	30.23
A1D235	101.04	114.58	119.20	123.60	128.21	131.88
A1F226	176.88	218.97	238.50	258.25	276.91	285.08
A1F227	176.78	218.90	238.37	257.99	276.71	283.34
A1F228	176.68	218.84	238.25	257.78	276.52	283.23
A2C115	46.91	58.67	63.24	66.02	79.02	92.54
A2C125	23.60	28.10	30.75	33.89	48.42	79.91
A2C135	20.69	21.51	21.62	22.51	36.99	60.88
A2C165	4.03	6.45	7.83	9.41	11.17	12.77
A2C185	7.27	11.75	14.31	17.23	20.53	23.49
A2C195	24.98	39.75	48.36	58.20	69.21	79.26

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A2C200	15.38	16.13	16.94	17.19	17.28	17.91
A2C205	12.34	15.76	17.40	19.06	20.61	21.08
A2C215	189.78	236.58	257.98	279.71	300.58	308.34
A2C235	20.12	21.36	21.65	21.86	21.92	21.67
A2C250	16.35	16.19	16.91	17.18	17.27	17.36
A2C330	10.52	10.66	10.74	10.84	10.93	10.99
A2C340	13.02	20.84	25.38	30.42	30.59	30.65
A2C525	17.44	17.54	18.00	18.07	28.92	52.64
A2D220	245.57	331.56	375.97	422.87	474.10	518.14
A2D221	2,243.24	3,272.48	3,818.34	4,388.41	5,023.47	5,614.22
A3C145	33.58	38.85	38.99	39.95	40.59	40.68
A3C155	33.30	38.72	38.95	39.80	40.52	40.61
A3C175	33.97	38.96	40.45	42.91	44.26	45.17
A3C185	41.74	52.72	56.46	59.33	61.09	62.23
A3C260	9.51	9.60	9.65	9.68	9.72	9.77
A3C265	4.23	7.20	8.38	9.98	11.35	13.05
A3C275	5.15	7.19	7.51	7.06	7.89	12.10
A3C285	11.85	16.48	20.31	24.58	28.87	45.99
A3C295	10.82	16.14	19.45	23.68	28.20	35.78
A3C305	11.33	17.03	20.43	24.83	29.55	33.33
A3C315	11.83	18.22	21.50	25.97	30.87	35.65
A3C405	20.98	29.94	36.91	44.68	52.35	54.44
A3C420	19.01	27.07	28.44	32.03	35.83	39.13
A3C465	3.75	5.98	7.29	8.79	10.49	12.08
A3C490	16.19	16.61	16.94	17.18	17.39	17.53
A3C505	18.49	27.32	32.38	35.09	36.92	37.80
A3C515	67.64	82.34	84.31	84.58	86.30	87.72
A3C535	102.72	119.27	122.50	124.91	128.10	130.79
A3C545	32.65	40.89	49.09	58.09	66.64	70.32
A3C595	107.95	128.96	135.67	140.97	147.13	152.62
A3C600	11.97	14.86	15.82	16.45	17.16	17.83
A3C625	114.59	138.75	147.48	155.86	162.51	170.95
A3C640	17.32	19.60	20.52	20.94	21.32	21.60
A3C685	6.71	26.46	28.68	29.71	30.35	31.94
A3C690	10.06	10.60	10.47	10.33	10.53	10.60
A3C695	32.78	38.51	39.45	39.54	40.40	40.49
A3C715	21.59	30.41	32.82	33.44	36.54	39.28
A3C725	10.21	18.01	20.01	23.02	27.77	31.64
A3C735A	5.13	9.12	10.13	11.72	14.54	16.54
A3C745A	11.08	19.57	21.80	27.10	44.24	53.74
A3C755	20.72	29.05	32.44	32.49	32.71	32.18
A3C765	21.49	30.60	34.26	37.91	38.30	37.73
A3C775	22.91	32.67	36.62	49.72	50.25	50.02

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A3C785	41.37	59.66	64.69	113.08	114.97	111.63
A3C795	41.39	59.51	64.54	64.89	64.47	90.78
A3C805	41.77	59.35	64.69	59.91	58.17	63.36
A3C835	6.42	26.37	28.64	29.69	30.34	31.91
A3C870	21.74	26.57	28.37	29.37	29.47	28.06
A3C880	19.01	23.51	24.29	24.48	24.98	25.33
A3C905	6.08	26.32	28.61	29.66	30.32	30.55
A3C920	10.32	18.50	21.35	24.24	27.50	29.91
A3D506	50.53	61.98	65.03	66.34	67.07	67.03
A3D906	5.79	14.79	16.98	17.81	16.54	16.62
A3D907	3.33	3.52	3.55	3.52	3.53	3.53
A4C1040	7.59	12.03	14.45	20.73	24.27	24.75
A4C1080	23.25	23.31	36.59	40.31	41.41	41.73
A4C1170	83.59	100.21	107.48	114.30	121.69	127.96
A4C1190	24.22	27.78	29.60	31.54	33.51	34.68
A4C1300	36.32	45.72	50.81	56.51	62.82	67.82
A4C1310	81.69	96.86	102.28	108.11	114.09	118.98
A4C1420	119.73	145.56	157.48	170.18	183.71	209.76
A4C1470	28.10	44.15	53.97	62.91	66.22	68.10
A4C155	31.84	31.21	31.57	34.59	37.39	37.47
A4C165	27.16	27.35	28.18	29.59	30.86	31.72
A4C1680	2.95	2.97	2.97	2.98	2.98	2.98
A4C230	14.00	14.32	14.54	14.83	15.21	15.58
A4C235	58.89	73.88	81.08	88.62	95.97	96.92
A4C265	55.27	68.55	74.91	81.52	89.73	94.57
A4C295	212.02	281.24	318.47	358.53	393.84	417.87
A4C305	59.07	74.16	81.38	88.98	96.03	96.90
A4C315	39.57	50.96	57.13	64.34	72.32	78.74
A4C335	26.48	31.25	41.04	46.80	50.73	54.20
A4C345	1.77	3.33	4.19	4.85	9.91	12.18
A4C350	32.62	34.64	35.33	35.90	36.64	37.18
A4C385	33.43	41.30	45.32	49.84	54.82	58.30
A4C490	15.46	17.77	44.39	65.72	56.23	64.93
A4C500	22.84	22.37	38.06	40.63	40.46	40.66
A4C525	1.18	0.66	2.24	2.18	1.37	1.17
A4C545	23.23	23.23	100.39	113.69	133.44	147.55
A4C580	5.27	7.20	6.71	6.72	7.28	7.81
A4C590	2.31	9.63	12.66	13.76	17.16	20.03
A4C610	4.12	7.47	7.13	7.25	7.65	8.02
A4C620	12.16	16.38	18.27	21.33	24.77	26.25
A4C750	61.64	68.12	70.60	71.69	72.46	72.76
A4C840	78.09	90.89	95.92	100.07	104.37	107.57
A4C890	22.88	22.41	37.86	40.37	40.29	40.75

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A4C900	22.94	22.44	37.80	40.13	40.41	40.84
A4D1421	120.47	146.16	158.12	170.32	184.89	211.78
A4D300	242.48	329.98	377.78	428.04	480.69	511.71
A4D301	251.48	342.78	394.08	445.52	499.63	537.80
A4D302	411.95	552.83	626.65	700.90	782.07	842.52
A4D303	558.99	786.79	906.53	1,013.47	1,140.30	1,270.08
A4D304	1,388.72	1,896.65	2,165.77	2,411.44	2,707.64	2,973.31
A4D305	1,591.48	2,290.96	2,654.78	3,006.94	3,409.72	3,783.42
A4D306	1,869.27	2,744.62	3,213.00	3,704.81	4,246.11	4,733.80
A4D307	563.44	794.16	914.27	1,022.42	1,150.12	1,281.67
A4D316	37.31	47.48	53.51	60.20	67.69	79.46
A4D526	87.35	113.63	126.97	141.39	157.29	170.96
A4D527	129.02	168.09	190.11	216.39	247.50	259.26
A4D528	188.14	242.55	271.76	305.31	343.72	356.15
A4D529	188.38	242.96	272.26	305.93	344.01	356.32
A5C1000	3.92	3.43	3.49	4.40	5.97	7.70
A5C120	2.95	3.84	4.83	6.20	7.74	9.09
A5C1240	5.92	8.53	9.66	10.44	10.58	11.47
A5C1370	3.47	4.68	5.24	6.04	7.35	8.43
A5C1390	63.42	91.36	103.22	114.35	121.59	124.30
A5C150	24.09	27.38	27.48	27.29	27.06	27.05
A5C1550	2.71	3.11	3.57	5.10	6.70	8.13
A5C1590	7.31	10.71	13.00	16.34	20.06	23.78
A5C160	22.41	24.73	24.63	24.48	24.29	24.13
A5C1670	4.44	4.05	5.27	6.98	8.93	8.53
A5C1680	1.73	3.81	5.04	6.46	8.81	10.16
A5C1690	0.88	1.55	1.97	2.62	3.65	3.92
A5C170	20.43	22.98	24.05	24.68	24.96	25.06
A5C1720	3.38	5.75	7.49	9.25	9.65	9.58
A5C1730	3.47	5.76	7.57	9.10	9.73	10.27
A5C180	28.58	40.63	40.79	41.05	40.85	40.91
A5C1850	35.97	45.98	52.22	59.02	62.47	65.61
A5C1880	7.35	11.79	12.53	12.37	12.22	12.12
A5C190	18.06	28.35	29.95	30.25	29.59	28.60
A5C340	63.47	91.43	103.30	114.47	121.75	124.50
A5C350	63.44	91.39	103.26	114.43	121.71	124.45
A5C370	66.58	96.32	109.38	121.55	131.56	140.29
A5C625	29.07	32.91	34.99	36.86	38.26	39.34
A5C635	29.15	33.08	35.15	37.48	39.90	41.26
A5C645	27.49	37.18	40.82	43.92	47.23	47.33
A5C655	20.86	26.48	28.51	29.41	29.34	29.81
A5C685	66.60	96.31	109.37	121.53	131.09	139.54
A5C715	6.41	9.96	12.19	14.88	17.72	20.43

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A5C755	6.16	12.11	12.74	14.24	15.85	15.24
A5C785	7.26	9.77	9.75	9.78	9.99	10.19
A5C810	8.39	10.76	11.21	12.24	12.43	12.41
A5C815	63.43	91.38	103.24	114.40	121.68	124.42
A5C910	7.97	10.07	10.57	11.18	11.10	13.56
A5C960	7.84	12.90	15.02	17.78	19.49	21.60
A5C980	2.98	4.27	4.95	4.98	5.21	6.93
A5D1591	38.46	49.35	56.62	64.71	70.26	73.17
A5D624	29.07	32.90	34.98	37.21	39.57	40.90
A6C135	21.20	23.95	32.24	38.41	41.30	41.85
A6C195	12.39	16.22	17.54	17.14	18.48	18.94
A6C215	63.63	111.56	128.22	128.20	127.67	128.34
A6C225	74.68	87.89	124.81	133.53	136.63	137.83
A6C235	41.55	52.54	57.22	63.46	69.53	74.23
A6C255	63.04	92.79	126.20	117.95	113.67	112.38
A6C265	84.90	114.37	143.82	133.67	129.47	132.75
A6C315	54.20	66.47	69.60	72.63	70.86	70.21
A6C3160	9.09	9.71	10.52	11.51	12.67	13.73
A6C3200	4.78	5.80	6.05	6.28	6.41	6.81
A6C3210	6.75	5.90	6.31	6.71	7.01	8.67
A6C3220	4.64	5.74	5.89	5.97	6.05	6.14
A6C3230	22.10	28.43	32.06	35.92	40.09	43.69
A6C325	27.54	29.71	30.19	30.28	30.10	29.90
A6C3250	21.16	27.08	30.39	33.98	37.81	41.06
A6C335	24.02	24.30	24.33	24.63	25.00	25.26
A6C3490	10.66	13.71	14.06	13.88	14.20	14.61
A6C3580	10.69	12.92	12.97	13.89	14.21	14.61
A6C365	28.42	47.93	48.21	48.24	48.71	49.50
A6C3660	5.53	6.50	6.50	6.95	7.11	8.53
A6C3670	33.59	49.20	56.59	64.14	72.10	75.27
A6C3680	32.01	48.16	55.66	62.84	71.25	72.04
A6C3690	31.82	52.51	60.63	66.39	71.40	71.77
A6C3700	32.21	48.29	55.59	62.30	69.11	70.07
A6C3710	8.80	10.81	12.34	12.87	13.42	14.31
A6C3720	2.63	5.77	6.75	6.99	7.04	7.49
A6C3730	5.18	5.73	5.95	6.91	8.86	10.54
A6C3750	9.98	12.66	13.40	14.61	16.96	18.84
A6C3830	11.79	18.73	22.85	27.54	33.24	38.64
A6C3890	11.52	18.37	22.44	27.15	33.12	33.13
A6C3920	11.27	17.91	21.82	27.09	29.91	31.69
A6C4060	9.12	9.70	10.51	11.49	12.65	13.72
A6C4110	73.32	86.31	93.31	96.74	99.76	102.13
A6C4160	149.94	176.93	191.90	200.58	208.65	215.35

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A6C4200	76.97	93.29	99.81	107.15	114.67	120.64
A6C4210A	73.28	86.23	93.26	96.74	99.79	102.14
A6C4220	69.36	83.00	88.95	91.47	93.31	94.34
A6C4270	72.23	82.39	88.70	91.13	92.95	93.95
A6C445	8.77	11.12	11.11	11.00	10.80	10.61
A6C455	140.75	166.73	178.05	182.42	185.93	188.10
A6C465	62.72	76.89	81.60	82.47	83.59	83.91
A6C505	27.60	35.53	36.18	36.05	35.13	34.11
A6C5070	22.82	36.38	43.88	51.24	60.14	67.94
A6C5150	10.84	17.10	20.72	24.72	29.07	31.14
A6C5160	11.07	17.29	20.92	25.00	29.52	31.49
A6C5170	10.45	16.51	19.94	23.19	28.60	33.77
A6C575	34.55	39.46	50.24	48.75	48.36	48.19
A6C615	13.44	22.71	25.41	27.67	29.57	29.72
A6C8000	9.70	13.88	16.48	19.17	20.01	19.91
A6C8020	4.63	5.75	5.90	5.98	6.06	6.15
A6C9020	12.70	16.24	18.34	19.12	19.35	19.49
A6C9080	15.11	16.39	16.49	16.53	16.98	17.07
A6C9120	9.50	15.01	17.96	20.51	21.11	21.02
A6C9160	9.11	13.82	17.01	18.77	19.17	19.16
A6C9200	9.30	14.32	17.29	19.52	19.99	19.91
A6C945	34.57	52.51	60.24	65.80	67.90	67.81
A6C955	22.87	36.05	43.06	49.40	59.88	67.79
A6C975	24.02	24.30	24.39	24.69	25.07	25.32
A6C985	13.41	22.81	25.54	27.83	30.07	32.19
A6D416	11.72	16.54	18.67	19.32	18.81	19.77
A6D4161	153.75	185.18	200.94	214.95	231.67	246.38
A6D946	37.84	45.32	56.28	57.74	55.32	57.53
A7C105	301.41	381.73	431.61	473.75	507.25	524.11
A7C135	110.66	138.49	154.84	170.85	183.03	190.36
A7C225	13.81	18.99	20.97	23.35	25.59	26.82
A7C235	13.45	19.37	19.97	21.51	21.96	22.08
A7C295	33.96	50.59	58.80	66.57	75.68	77.34
A7C315	23.09	36.50	44.31	52.72	60.71	67.70
A7C355	20.33	32.90	39.98	48.30	57.87	69.77
A7C365	23.53	37.94	46.22	55.71	66.46	76.37
A7D356	323.77	417.38	486.56	544.29	583.58	616.79
A7D357	340.27	442.06	515.68	576.68	633.24	664.23
A7D358	374.50	490.87	575.01	637.64	720.35	751.31
A7D359	15.79	26.01	31.70	38.47	46.11	60.92
A7D360	23.66	38.24	46.68	56.47	67.62	78.11
A7D370	422.50	563.80	661.14	751.62	851.82	928.18
A7D371	451.46	606.54	711.19	825.48	942.04	1,036.72

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A7D372	455.75	595.22	680.31	773.90	875.59	953.98
A7F226	13.64	18.93	20.90	23.28	25.56	26.49
A7F227	13.18	19.02	19.53	21.20	21.22	21.23
A7F228	3.78	6.03	7.04	7.83	8.33	8.61
A7F229	3.03	4.79	5.62	6.17	6.61	8.82
A7F230	5.02	7.73	9.25	11.28	13.75	16.31
A8C120	10.42	10.48	10.37	11.20	14.12	14.26
A8C125	6.41	8.95	10.28	11.18	11.25	11.28
A8C155	120.01	149.02	165.14	179.39	187.59	190.84
A8C160	44.05	49.54	48.62	49.14	49.42	49.68
A8C180	56.21	60.66	62.11	64.06	65.58	66.20
A8C190	8.37	10.81	11.19	12.38	15.48	15.72
A8C210	58.66	62.68	63.75	65.38	66.54	67.01
A8C2230	26.46	28.06	27.73	27.66	27.76	27.61
A8C2240	13.06	20.50	25.11	30.44	34.80	34.88
A8C230	80.06	79.66	80.66	81.69	81.66	82.53
A8C2340	16.14	21.15	21.17	21.20	21.26	21.32
A8C2360	16.15	21.39	21.55	21.52	21.26	21.39
A8C2390	199.34	198.54	212.18	198.08	198.70	196.58
A8C2430	36.00	43.87	47.92	53.34	56.74	57.64
A8C2470	73.91	90.79	99.12	108.87	115.61	117.28
A8C2530	5.98	5.98	13.76	20.13	20.15	20.15
A8C270	91.01	104.16	108.65	113.42	115.10	116.68
A8C330	89.96	99.42	101.54	102.73	105.00	109.56
A8C355	11.21	14.33	16.05	23.92	25.32	25.64
A8C425	7.98	10.61	12.28	14.07	15.99	19.22
A8C435	100.22	121.73	131.64	141.14	152.59	163.31
A8C445	105.94	129.30	139.76	154.76	160.29	162.07
A8C455	29.48	29.48	29.48	29.48	29.48	29.48
A8C535	41.72	48.84	51.58	53.96	56.42	57.24
A8C539	7.29	9.29	10.17	10.95	11.77	12.48
A8C545	32.62	38.18	40.29	42.14	44.30	47.77
A8C615	2.51	4.24	5.38	6.66	8.12	9.90
A8C705	4.24	6.76	8.60	10.26	11.72	12.50
A8C725	5.93	5.92	10.51	20.59	20.37	21.53
A8C745	5.77	8.32	9.58	10.86	11.04	11.21
A8C795	55.85	74.54	85.37	91.37	93.13	96.52
A8C805	36.05	58.11	69.94	75.62	79.50	83.09
A8C815	24.64	39.75	48.32	60.49	62.59	63.21
A8F536	9.18	10.92	11.59	12.18	13.54	21.60
A8F537	55.34	64.59	68.05	71.09	74.20	74.60
A8F538	51.08	63.39	68.78	73.52	78.25	82.66
A9C240	14.08	22.46	27.18	32.34	38.03	39.46

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
A9C250	47.09	74.79	90.33	107.19	112.29	114.26
A9C250B	33.54	53.62	64.38	76.51	86.24	87.40
A9C280	9.67	12.83	13.26	13.33	13.34	13.33
A9C310	12.08	13.87	14.10	14.37	14.20	14.01
A9C360	104.75	165.41	191.60	218.28	240.83	259.02
A9C515	10.50	10.58	10.68	10.77	10.89	11.01
A9C525	10.41	10.51	10.61	10.73	11.24	12.03
A9C535	104.80	165.42	191.68	218.36	240.89	259.10
A9C545	97.81	163.95	184.92	210.63	231.07	246.89
A9C605	62.53	94.70	109.53	125.96	131.41	133.25
A9C615	74.88	113.62	132.69	152.60	162.37	167.87
A9D311	94.91	149.12	173.65	195.81	213.23	226.12
A9D526	10.46	10.72	10.79	10.88	11.01	11.15
A9D527	11.32	14.21	14.58	14.79	15.01	15.21
A9D528	34.85	73.68	87.45	95.68	111.28	118.67
A9D546	106.21	154.31	160.54	166.08	182.91	199.92
A9D547	204.78	283.13	300.57	299.46	306.72	344.99
A9D548	185.34	235.84	257.51	288.39	329.70	367.03
A9D586	31.81	52.31	71.66	84.08	98.88	112.45
A9D587	23.06	58.21	74.01	85.25	99.84	112.25
A9D588	262.46	333.12	346.19	383.00	429.22	473.78
A9D589	253.77	344.51	377.50	411.41	463.17	510.63
A9D590	297.13	400.11	450.81	492.56	542.88	591.69
A9D591	300.48	412.29	471.88	525.74	575.29	625.61
A9D592	832.68	1,042.17	1,134.88	1,250.65	1,361.84	1,465.46
A9D600	929.78	1,174.55	1,276.76	1,381.98	1,493.35	1,597.12
A9D616	83.79	132.30	156.36	182.63	199.58	211.32
A9D700	130.28	208.80	240.39	248.27	262.56	294.77
A9D705	106.55	187.89	210.09	246.96	291.08	328.95
A9D710	47.64	77.40	88.91	104.89	122.87	139.07
B1C135A	7.50	11.34	13.26	15.28	17.37	19.12
B1C225	121.58	139.01	146.01	152.91	159.26	163.97
B1C475	49.95	60.12	65.54	71.75	77.47	81.42
B2C205	62.92	88.03	100.56	113.30	126.04	129.03
B3C735A	5.13	9.12	10.13	11.72	14.54	16.54
B3C870	43.30	50.02	50.63	50.60	50.95	52.13
B3D907	3.39	11.25	12.40	12.44	12.14	12.17
B4C525	1.18	0.66	2.24	2.18	1.37	1.17
B4C590	1.26	2.42	2.52	2.52	2.52	2.52
B4D526	128.75	167.64	189.62	215.72	247.14	259.04
B5C1690	1.95	3.90	5.15	6.00	6.86	7.71
B5C625	0.00	0.00	0.00	8.14	17.82	21.80
B6C3660	5.53	6.50	6.50	6.95	7.11	8.53

Table D-2. Future Conditions Peak Discharges (Scenario 3)

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)
B6C3720	2.63	5.77	6.75	6.99	7.04	7.49
B6C3730	5.07	5.61	5.84	6.78	8.69	10.34
B6C4270	73.96	88.26	93.25	96.76	99.85	102.26
B6C445	8.77	11.12	11.11	11.00	10.80	10.61
B6C465	78.33	95.90	101.60	102.97	103.95	104.83
B6C575	34.55	39.46	50.24	48.75	48.36	48.19
B7C135	81.82	105.70	121.31	133.84	143.35	149.07
B8C155	120.01	149.02	165.14	179.39	187.59	190.84
B8C2470	34.48	46.19	50.21	54.81	62.92	65.50
B8C425	0.00	0.00	0.00	0.00	0.15	0.98
B8C545	64.57	75.57	79.75	83.40	87.63	94.04
B8C805	36.05	58.11	69.94	75.62	79.50	83.09
B8F536	55.39	64.68	68.24	71.30	74.26	75.21
B8F538	7.34	9.43	10.33	11.14	12.01	12.75
B9D710	23.08	37.45	42.99	50.71	59.40	67.23
C4C525	72.58	89.16	96.89	104.73	112.90	117.21
C6C445	8.77	11.12	11.11	11.00	10.80	10.61
C7C135	110.66	138.49	154.84	170.85	183.03	190.36
C8C155	37.96	47.24	52.84	57.78	61.81	64.79
C9D710	47.64	77.40	88.91	104.89	122.87	139.07