

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Yarkon	Raba	33965.78	P1	79.00	64.00	65.47	65.47	65.95	0.008284	3.26	30.88	68.04	0.91
Yarkon	Raba	33965.78	P2	65.00	64.00	65.35	65.35	65.78	0.008384	3.06	26.65	61.75	0.90
Yarkon	Raba	33965.78	P5	48.00	64.00	65.17	65.17	65.54	0.008458	2.76	20.97	52.94	0.88
Yarkon	Raba	33965.78	P10	35.00	64.00	64.97	64.97	65.31	0.010527	2.65	14.53	23.60	0.95
Yarkon	Raba	33885.72	P1	79.00	63.25	64.30	64.47	64.93	0.020156	3.62	24.74	45.11	1.31
Yarkon	Raba	33885.72	P2	65.00	63.25	64.22	64.37	64.77	0.019353	3.34	21.65	42.41	1.27
Yarkon	Raba	33885.72	P5	48.00	63.25	64.12	64.23	64.56	0.018492	2.96	17.29	39.45	1.21
Yarkon	Raba	33885.72	P10	35.00	63.25	64.07	64.09	64.35	0.013141	2.37	15.34	38.17	1.01
Yarkon	Raba	33805.22	P1	79.00	62.25	64.04	63.75	64.26	0.003384	2.33	50.03	85.35	0.60
Yarkon	Raba	33805.22	P2	65.00	62.25	63.86	63.65	64.08	0.003812	2.28	40.97	62.68	0.63
Yarkon	Raba	33805.22	P5	48.00	62.25	63.66	63.47	63.85	0.003974	2.09	31.63	49.91	0.62
Yarkon	Raba	33805.22	P10	35.00	62.25	63.49	63.29	63.66	0.004116	1.91	23.89	44.08	0.62
Yarkon	Raba	33724.42	P1	79.00	62.00	63.21	63.21	63.75	0.010674	3.31	26.01	86.52	1.01
Yarkon	Raba	33724.42	P2	65.00	62.00	63.12	63.12	63.56	0.010037	3.01	23.32	71.51	0.97
Yarkon	Raba	33724.42	P5	48.00	62.00	62.94	62.94	63.32	0.011011	2.76	18.35	54.40	0.98
Yarkon	Raba	33724.42	P10	35.00	62.00	62.78	62.78	63.10	0.012144	2.51	14.38	43.63	0.99
Yarkon	Raba	33643.94	P1	79.00	61.00	62.54	62.20	62.79	0.003866	2.26	36.77	70.86	0.63
Yarkon	Raba	33643.94	P2	65.00	61.00	62.38	62.08	62.60	0.004094	2.13	31.81	68.13	0.63
Yarkon	Raba	33643.94	P5	48.00	61.00	62.17	61.92	62.36	0.004394	1.93	25.60	64.54	0.63
Yarkon	Raba	33643.94	P10	35.00	61.00	62.00	61.79	62.15	0.004580	1.73	20.70	50.13	0.63
Yarkon	Raba	33561.96	P1	79.00	60.00	61.72	61.72	62.27	0.009246	3.44	26.78	59.83	0.97
Yarkon	Raba	33561.96	P2	65.00	60.00	61.58	61.58	62.06	0.009429	3.22	23.37	58.15	0.96
Yarkon	Raba	33561.96	P5	48.00	60.00	61.38	61.38	61.79	0.009851	2.91	18.70	55.63	0.95
Yarkon	Raba	33561.96	P10	35.00	60.00	61.21	61.21	61.56	0.010737	2.66	14.42	52.37	0.96
Yarkon	Raba	33480.52	P1	79.00	59.33	60.70	60.82	61.33	0.014115	3.72	25.40	64.91	1.16
Yarkon	Raba	33480.52	P2	65.00	59.33	60.60	60.69	61.14	0.013466	3.41	22.64	59.11	1.11
Yarkon	Raba	33480.52	P5	48.00	59.33	60.48	60.53	60.90	0.012395	2.98	18.91	50.68	1.04
Yarkon	Raba	33480.52	P10	35.00	59.33	60.38	60.38	60.68	0.010272	2.50	16.14	45.22	0.93
Yarkon	Raba	33400.86	P1	79.00	59.00	60.43	60.11	60.70	0.004079	2.35	36.17	78.74	0.65
Yarkon	Raba	33400.86	P2	65.00	59.00	60.26	59.99	60.50	0.004370	2.23	31.38	57.56	0.66
Yarkon	Raba	33400.86	P5	48.00	59.00	60.04	59.83	60.25	0.004912	2.05	25.04	51.27	0.67
Yarkon	Raba	33400.86	P10	35.00	59.00	59.85	59.70	60.02	0.005709	1.90	19.54	43.24	0.70
Yarkon	Raba	33328.12	P1	79.00	58.25	59.72	59.71	60.23	0.008520	3.40	29.70	61.18	0.94
Yarkon	Raba	33328.12	P2	65.00	58.25	59.61	59.57	60.04	0.008014	3.10	26.33	57.84	0.89
Yarkon	Raba	33328.12	P5	48.00	58.25	59.45	59.38	59.78	0.007334	2.71	21.83	53.06	0.84
Yarkon	Raba	33328.12	P10	35.00	58.25	59.31	59.22	59.56	0.006506	2.33	18.14	48.88	0.77
Yarkon	Raba	33249.78	P1	79.00	57.75	59.01	59.01	59.48	0.010446	3.14	28.35	63.39	0.99
Yarkon	Raba	33249.78	P2	65.00	57.75	58.90	58.90	59.31	0.010830	2.95	24.75	58.47	0.99
Yarkon	Raba	33249.78	P5	48.00	57.75	58.75	58.75	59.08	0.011142	2.65	20.16	51.84	0.97
Yarkon	Raba	33249.78	P10	35.00	57.75	58.61	58.61	58.89	0.011713	2.39	16.09	43.15	0.97
Yarkon	Raba	33174.07	P1	79.00	56.00	57.50	57.72	58.29	0.022890	3.94	20.41	27.39	1.40
Yarkon	Raba	33174.07	P2	65.00	56.00	57.40	57.60	58.09	0.023215	3.69	17.81	26.24	1.39
Yarkon	Raba	33174.07	P5	48.00	56.00	57.27	57.42	57.84	0.024265	3.35	14.37	24.65	1.38
Yarkon	Raba	33174.07	P10	35.00	56.00	57.14	57.27	57.62	0.023949	3.08	11.36	21.13	1.34
Yarkon	Raba	33092.52	P1	79.00	56.00	57.56	57.00	57.70	0.002044	1.73	57.90	64.04	0.46
Yarkon	Raba	33092.52	P2	65.00	56.00	57.42	56.90	57.54	0.002001	1.60	49.38	57.12	0.45
Yarkon	Raba	33092.52	P5	48.00	56.00	57.23	56.75	57.32	0.001877	1.41	39.43	47.81	0.42
Yarkon	Raba	33092.52	P10	35.00	56.00	57.06	56.62	57.13	0.001744	1.23	31.83	42.80	0.40
Yarkon	Raba	33013.59	P1	79.00	56.00	57.44		57.54	0.001533	1.46	55.70	91.77	0.40
Yarkon	Raba	33013.59	P2	65.00	56.00	57.30		57.39	0.001475	1.33	49.93	86.74	0.38
Yarkon	Raba	33013.59	P5	48.00	56.00	57.12		57.19	0.001379	1.16	42.33	80.00	0.36
Yarkon	Raba	33013.59	P10	35.00	56.00	56.96		57.01	0.001268	1.00	35.78	73.52	0.34
Yarkon	Raba	32935.7	P1	79.00	56.00	56.79	56.79	57.18	0.011610	2.77	28.76	104.29	1.00
Yarkon	Raba	32935.7	P2	65.00	56.00	56.69	56.69	57.04	0.012102	2.60	25.20	103.45	1.00
Yarkon	Raba	32935.7	P5	48.00	56.00	56.57	56.57	56.85	0.013052	2.36	20.47	102.32	1.00
Yarkon	Raba	32935.7	P10	35.00	56.00	56.46	56.46	56.69	0.014018	2.12	16.53	101.37	1.00
Yarkon	Raba	32855.91	P1	79.00	54.00	55.65	55.08	55.72	0.001360	1.34	77.26	97.00	0.37
Yarkon	Raba	32855.91	P2	65.00	54.00	55.51	54.97	55.57	0.001375	1.25	67.67	89.53	0.37
Yarkon	Raba	32855.91	P5	48.00	54.00	55.32	54.84	55.38	0.001412	1.13	54.98	79.36	0.36
Yarkon	Raba	32855.91	P10	35.00	54.00	55.16	54.72	55.20	0.001413	1.03	43.97	70.26	0.35
Yarkon	Raba	32775.72	P1	79.00	54.00	55.02	55.02	55.41	0.010794	2.87	30.98	133.28	0.98
Yarkon	Raba	32775.72	P2	65.00	54.00	54.91	54.91	55.27	0.011541	2.72	26.25	129.11	0.99
Yarkon	Raba	32775.72	P5	48.00	54.00	54.77	54.77	55.07	0.012718	2.49	20.55	123.97	1.01
Yarkon	Raba	32775.72	P10	35.00	54.00	54.64	54.64	54.90	0.014363	2.28	16.03	119.62	1.03
Yarkon	Raba	32695.26	P1	79.00	52.54	53.49	53.66	54.07	0.027016	3.37	23.45	42.12	1.44
Yarkon	Raba	32695.26	P2	65.00	52.54	53.43	53.57	53.92	0.024987	3.10	20.99	40.32	1.37
Yarkon	Raba	32695.26	P5	48.00	52.54	53.35	53.44	53.73	0.022292	2.72	17.63	37.73	1.27
Yarkon	Raba	32695.26	P10	35.00	52.54	53.27	53.32	53.56	0.019309	2.36	14.85	35.43	1.16
Yarkon	Raba	32613.42	P1	79.00	52.00	53.34	52.72	53.42	0.001567	1.36	62.40	136.96	0.40
Yarkon	Raba	32613.42	P2	65.00	52.00	53.22	52.63	53.29	0.001493	1.24	56.28	135.17	0.38

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	32613.42	P5	48.00	52.00	53.05	52.52	53.11	0.001352	1.08	47.97	132.49	0.35
Yarkon	Raba	32613.42	P10	35.00	52.00	52.90	52.42	52.94	0.001202	0.93	40.77	128.67	0.32
Yarkon	Raba	32533.83	P1	79.00	52.00	53.23		53.30	0.001408	1.27	69.05	91.44	0.37
Yarkon	Raba	32533.83	P2	65.00	52.00	53.11		53.17	0.001345	1.16	62.01	88.57	0.36
Yarkon	Raba	32533.83	P5	48.00	52.00	52.95		53.00	0.001254	1.01	52.55	83.94	0.34
Yarkon	Raba	32533.83	P10	35.00	52.00	52.81		52.85	0.001155	0.86	44.44	79.80	0.31
Yarkon	Raba	32461.77	P1	79.00	52.00	52.70	52.70	53.03	0.011992	2.53	31.72	51.02	0.99
Yarkon	Raba	32461.77	P2	65.00	52.00	52.62	52.62	52.91	0.012662	2.38	27.57	49.65	0.99
Yarkon	Raba	32461.77	P5	48.00	52.00	52.51	52.51	52.75	0.013677	2.16	22.30	47.86	1.00
Yarkon	Raba	32461.77	P10	35.00	52.00	52.42	52.42	52.61	0.014767	1.96	17.90	46.28	1.00
Yarkon	Raba	32372.54	P1	79.00	50.00	51.33	51.16	51.55	0.004878	2.20	47.02	133.75	0.68
Yarkon	Raba	32372.54	P2	65.00	50.00	51.24	51.04	51.43	0.004680	2.05	40.50	62.07	0.66
Yarkon	Raba	32372.54	P5	48.00	50.00	51.10	50.88	51.25	0.004254	1.81	32.41	55.03	0.62
Yarkon	Raba	32372.54	P10	35.00	50.00	50.97	50.73	51.09	0.003780	1.58	25.95	47.78	0.57
Yarkon	Raba	32301.03	P1	79.00	50.00	50.63	50.63	50.94	0.016898	2.87	35.86	114.81	1.16
Yarkon	Raba	32301.03	P2	65.00	50.00	50.55	50.55	50.83	0.017687	2.69	31.41	114.25	1.16
Yarkon	Raba	32301.03	P5	48.00	50.00	50.45	50.45	50.68	0.019183	2.44	25.50	113.50	1.17
Yarkon	Raba	32301.03	P10	35.00	50.00	50.37	50.37	50.55	0.020766	2.20	20.58	112.87	1.17
Yarkon	Raba	32222.1	P1	79.00	48.00	49.29	49.01	49.46	0.003824	1.91	50.88	67.04	0.60
Yarkon	Raba	32222.1	P2	65.00	48.00	49.20	48.91	49.34	0.003586	1.74	45.03	62.37	0.57
Yarkon	Raba	32222.1	P5	48.00	48.00	49.07	48.77	49.18	0.003206	1.51	37.37	55.75	0.53
Yarkon	Raba	32222.1	P10	35.00	48.00	48.95	48.65	49.03	0.002828	1.32	30.64	50.69	0.49
Yarkon	Raba	32139.89	P1	79.00	48.00	48.64	48.64	48.91	0.013424	2.30	34.37	65.01	1.01
Yarkon	Raba	32139.89	P2	65.00	48.00	48.56	48.56	48.81	0.013866	2.18	29.85	62.55	1.01
Yarkon	Raba	32139.89	P5	48.00	48.00	48.47	48.47	48.67	0.014602	2.00	23.97	59.23	1.00
Yarkon	Raba	32139.89	P10	35.00	48.00	48.38	48.38	48.56	0.015505	1.83	19.09	56.32	1.01
Yarkon	Raba	32055.62	P1	79.00	46.58	47.94	47.62	48.11	0.003899	1.84	42.92	44.56	0.60
Yarkon	Raba	32055.62	P2	65.00	46.58	47.79	47.51	47.95	0.004325	1.79	36.22	42.24	0.62
Yarkon	Raba	32055.62	P5	48.00	46.58	47.58	47.37	47.73	0.005114	1.72	27.85	39.15	0.65
Yarkon	Raba	32055.62	P10	35.00	46.58	47.40	47.24	47.54	0.005995	1.66	21.11	35.45	0.69
Yarkon	Raba	31971.08	P1	79.00	46.00	47.55	47.16	47.78	0.003806	2.10	37.56	31.08	0.61
Yarkon	Raba	31971.08	P2	65.00	46.00	47.44	47.02	47.62	0.003425	1.91	34.01	30.04	0.57
Yarkon	Raba	31971.08	P5	48.00	46.00	47.27		47.40	0.002949	1.65	29.04	28.53	0.52
Yarkon	Raba	31971.08	P10	35.00	46.00	47.11		47.21	0.002531	1.42	24.65	27.15	0.48
Yarkon	Raba	31895.75	P1	79.00	46.00	46.93	46.93	47.30	0.010661	2.74	31.29	47.77	0.96
Yarkon	Raba	31895.75	P2	65.00	46.00	46.82	46.82	47.16	0.011303	2.59	26.58	44.58	0.97
Yarkon	Raba	31895.75	P5	48.00	46.00	46.69	46.69	46.98	0.012320	2.38	20.83	40.34	0.98
Yarkon	Raba	31895.75	P10	35.00	46.00	46.57	46.57	46.81	0.013632	2.17	16.29	36.64	1.00
Yarkon	Raba	31824.07	P1	79.00	44.15	46.73	45.86	46.90	0.001481	1.86	55.71	55.27	0.41
Yarkon	Raba	31824.07	P2	65.00	44.15	46.55	45.68	46.70	0.001438	1.72	46.36	48.70	0.40
Yarkon	Raba	31824.07	P5	48.00	44.15	46.30	45.44	46.42	0.001354	1.52	35.18	39.29	0.38
Yarkon	Raba	31824.07	P10	35.00	44.15	46.07	45.23	46.15	0.001244	1.32	27.02	30.54	0.35
Yarkon	Raba	31743.31	P1	79.00	44.13	46.63	45.71	46.77	0.001494	1.67	48.68	40.15	0.40
Yarkon	Raba	31743.31	P2	65.00	44.13	46.46	45.56	46.57	0.001401	1.53	43.50	37.60	0.39
Yarkon	Raba	31743.31	P5	48.00	44.13	46.21	45.34	46.30	0.001243	1.33	36.46	32.86	0.36
Yarkon	Raba	31743.31	P10	35.00	44.13	45.98	45.14	46.05	0.001099	1.15	30.33	24.37	0.33
Yarkon	Raba	31663.89	P1	79.00	43.19	46.62	44.85	46.68	0.000410	1.14	97.48	64.39	0.22
Yarkon	Raba	31663.89	P2	65.00	43.19	46.45	44.69	46.50	0.000355	1.03	86.76	59.38	0.21
Yarkon	Raba	31663.89	P5	48.00	43.19	46.20	44.46	46.24	0.000286	0.87	72.57	56.87	0.18
Yarkon	Raba	31663.89	P10	35.00	43.19	45.98	44.26	46.00	0.000227	0.74	59.80	55.61	0.16
Yarkon	Raba	31598.02	P1	79.00	44.00	46.45		46.60	0.002304	1.77	46.94	44.27	0.48
Yarkon	Raba	31598.02	P2	65.00	44.00	46.29		46.43	0.002293	1.65	40.34	39.59	0.48
Yarkon	Raba	31598.02	P5	48.00	44.00	46.07		46.18	0.002306	1.49	32.30	32.74	0.46
Yarkon	Raba	31598.02	P10	35.00	44.00	45.86		45.95	0.002315	1.34	26.03	29.09	0.45
Yarkon	Raba	31551.25	P1	79.00	44.00	45.87	45.87	46.34	0.011095	3.02	26.16	28.15	1.00
Yarkon	Raba	31551.25	P2	65.00	44.00	45.74	45.74	46.17	0.011414	2.90	22.40	26.15	1.00
Yarkon	Raba	31551.25	P5	48.00	44.00	45.54	45.54	45.92	0.011784	2.73	17.57	23.01	1.00
Yarkon	Raba	31551.25	P10	35.00	44.00	45.36	45.36	45.69	0.012376	2.57	13.61	20.22	1.00
Yarkon	Raba	31507.36	P1	79.00	44.00	45.53	45.11	45.72	0.003012	1.97	44.09	42.53	0.55
Yarkon	Raba	31507.36	P2	65.00	44.00	45.39	44.99	45.56	0.002976	1.83	38.47	39.76	0.54
Yarkon	Raba	31507.36	P5	48.00	44.00	45.20	44.83	45.33	0.002871	1.63	31.20	36.28	0.52
Yarkon	Raba	31507.36	P10	35.00	44.00	45.03	44.69	45.14	0.002728	1.43	25.35	33.42	0.49
Yarkon	Raba	31468.56	P1	79.00	44.00	45.04	45.04	45.48	0.009890	2.99	29.62	38.15	0.96
Yarkon	Raba	31468.56	P2	65.00	44.00	44.92	44.92	45.32	0.010454	2.83	25.24	35.91	0.96
Yarkon	Raba	31468.56	P5	48.00	44.00	44.77	44.77	45.10	0.011239	2.57	19.90	32.97	0.97
Yarkon	Raba	31468.56	P10	35.00	44.00	44.63	44.63	44.91	0.012305	2.34	15.58	30.39	0.98
Yarkon	Raba	31417.97	P1	79.00	41.68	42.97	43.44	44.42	0.035161	5.32	14.84	16.00	1.76
Yarkon	Raba	31417.97	P2	65.00	41.68	42.82	43.26	44.20	0.038646	5.20	12.50	15.01	1.82
Yarkon	Raba	31417.97	P5	48.00	41.68	42.62	43.02	43.90	0.044902	5.00	9.59	13.68	1.91
Yarkon	Raba	31417.97	P10	35.00	41.68	42.45	42.81	43.60	0.051613	4.76	7.35	12.57	1.99

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Yarkon	Raba	31368.5	P1	79.00	40.98	42.91	42.62	43.25	0.005334	2.56	30.86	24.28	0.72
Yarkon	Raba	31368.5	P2	65.00	40.98	42.76	42.46	43.05	0.005049	2.38	27.35	23.12	0.70
Yarkon	Raba	31368.5	P5	48.00	40.98	42.54	42.25	42.78	0.004798	2.14	22.43	21.37	0.67
Yarkon	Raba	31368.5	P10	35.00	40.98	42.33	42.06	42.52	0.004766	1.95	17.98	19.66	0.65
Yarkon	Raba	31302.7	P1	79.00	40.51	42.24	42.24	42.73	0.010989	3.10	25.50	26.10	1.00
Yarkon	Raba	31302.7	P2	65.00	40.51	42.08	42.08	42.54	0.011173	3.01	21.59	23.34	1.00
Yarkon	Raba	31302.7	P5	48.00	40.51	41.84	41.84	42.27	0.011454	2.91	16.51	19.15	1.00
Yarkon	Raba	31302.7	P10	35.00	40.51	41.62	41.62	42.01	0.011892	2.78	12.61	16.11	1.00
Yarkon	Raba	31220.28	P1	79.00	39.31	41.45	40.53	41.55	0.001075	1.44	60.12	42.97	0.35
Yarkon	Raba	31220.28	P2	65.00	39.31	41.28	40.42	41.37	0.001033	1.32	53.06	40.27	0.33
Yarkon	Raba	31220.28	P5	48.00	39.31	41.04	40.26	41.11	0.000960	1.16	43.72	37.10	0.31
Yarkon	Raba	31220.28	P10	35.00	39.31	40.82	40.11	40.87	0.000898	1.01	35.76	34.27	0.30
Yarkon	Raba	31139.43	P1	79.00	39.33	40.81	40.81	41.28	0.011041	3.04	26.02	27.73	1.00
Yarkon	Raba	31139.43	P2	65.00	39.33	40.67	40.67	41.10	0.011318	2.91	22.35	25.88	1.00
Yarkon	Raba	31139.43	P5	48.00	39.33	40.48	40.48	40.86	0.011801	2.72	17.63	23.26	1.00
Yarkon	Raba	31139.43	P10	35.00	39.33	40.31	40.31	40.63	0.012258	2.53	13.83	20.98	0.99
Yarkon	Raba	31059.75	P1	79.00	38.56	40.35	39.92	40.63	0.003805	2.36	33.56	38.09	0.62
Yarkon	Raba	31059.75	P2	65.00	38.56	40.16	39.77	40.42	0.003904	2.23	29.23	29.92	0.62
Yarkon	Raba	31059.75	P5	48.00	38.56	39.91	39.56	40.12	0.004029	2.04	23.57	21.13	0.62
Yarkon	Raba	31059.75	P10	35.00	38.56	39.68	39.38	39.85	0.004132	1.85	18.89	19.93	0.61
Yarkon	Raba	30979.59	P1	79.00	38.13	39.83	39.59	40.23	0.006050	2.82	28.06	20.82	0.77
Yarkon	Raba	30979.59	P2	65.00	38.13	39.68	39.43	40.02	0.005734	2.60	25.00	20.10	0.74
Yarkon	Raba	30979.59	P5	48.00	38.13	39.46	39.21	39.73	0.005407	2.31	20.74	19.06	0.71
Yarkon	Raba	30979.59	P10	35.00	38.13	39.26	39.02	39.48	0.005184	2.06	17.01	18.11	0.68
Yarkon	Raba	30899.84	P1	79.00	37.44	39.04	39.04	39.58	0.010636	3.24	24.36	22.65	1.00
Yarkon	Raba	30899.84	P2	65.00	37.44	38.88	38.88	39.38	0.010956	3.11	20.88	21.13	1.00
Yarkon	Raba	30899.84	P5	48.00	37.44	38.67	38.67	39.10	0.011423	2.91	16.52	19.14	1.00
Yarkon	Raba	30899.84	P10	35.00	37.44	38.47	38.47	38.84	0.011967	2.70	12.95	17.35	1.00
Yarkon	Raba	30868.25	P1	79.00	37.19	38.80	38.64	39.20	0.007213	2.80	28.19	24.36	0.83
Yarkon	Raba	30868.25	P2	65.00	37.19	38.64	38.49	39.00	0.007280	2.66	24.41	22.95	0.82
Yarkon	Raba	30868.25	P5	48.00	37.19	38.43	38.28	38.73	0.007158	2.43	19.76	21.09	0.80
Yarkon	Raba	30868.25	P10	35.00	37.19	38.24	38.09	38.49	0.006907	2.19	16.00	19.46	0.77
Yarkon	Raba	30831.73	P1	79.00	36.95	38.31	38.31	38.85	0.010745	3.27	24.17	22.25	1.00
Yarkon	Raba	30831.73	P2	65.00	36.95	38.16	38.16	38.65	0.011060	3.10	20.96	21.37	1.00
Yarkon	Raba	30831.73	P5	48.00	36.95	37.96	37.96	38.38	0.011683	2.86	16.77	20.15	1.00
Yarkon	Raba	30831.73	P10	35.00	36.95	37.78	37.78	38.13	0.012350	2.62	13.35	19.10	1.00
Yarkon	Raba	30744.49	P1	79.00	35.72	37.80	37.45	38.11	0.004777	2.46	32.10	24.70	0.69
Yarkon	Raba	30744.49	P2	65.00	35.72	37.61	37.29	37.89	0.004864	2.35	27.64	23.09	0.69
Yarkon	Raba	30744.49	P5	48.00	35.72	37.35	37.06	37.60	0.004993	2.19	21.94	20.87	0.68
Yarkon	Raba	30744.49	P10	35.00	35.72	37.12	36.86	37.33	0.005158	2.03	17.25	18.83	0.68
Yarkon	Raba	30664.49	P1	79.00	34.98	37.33	37.03	37.69	0.005494	2.64	29.89	22.79	0.74
Yarkon	Raba	30664.49	P2	65.00	34.98	37.11	36.85	37.45	0.005920	2.60	25.05	20.76	0.75
Yarkon	Raba	30664.49	P5	48.00	34.98	36.80	36.60	37.13	0.006587	2.52	19.08	17.96	0.78
Yarkon	Raba	30664.49	P10	35.00	34.98	36.53	36.36	36.82	0.007219	2.42	14.46	15.43	0.80
Yarkon	Raba	30584.49	P1	79.00	34.65	37.10	36.43	37.35	0.002703	2.20	37.55	31.57	0.54
Yarkon	Raba	30584.49	P2	65.00	34.65	36.86	36.25	37.09	0.002858	2.11	31.05	23.27	0.54
Yarkon	Raba	30584.49	P5	48.00	34.65	36.53	36.00	36.73	0.003027	1.96	24.45	18.48	0.54
Yarkon	Raba	30584.49	P10	35.00	34.65	36.24	35.77	36.41	0.003120	1.82	19.27	16.78	0.54
Yarkon	Raba	30504.49	P1	79.00	34.33	36.98	36.08	37.15	0.001625	1.83	47.86	34.65	0.43
Yarkon	Raba	30504.49	P2	65.00	34.33	36.73	35.92	36.89	0.001715	1.76	39.67	30.38	0.43
Yarkon	Raba	30504.49	P5	48.00	34.33	36.38	35.69	36.52	0.001870	1.65	30.02	24.94	0.44
Yarkon	Raba	30504.49	P10	35.00	34.33	36.07	35.49	36.19	0.002059	1.53	23.01	20.13	0.45
Yarkon	Raba	30424.49	P1	79.00	33.89	36.63	36.01	36.94	0.003453	2.47	32.23	27.28	0.60
Yarkon	Raba	30424.49	P2	65.00	33.89	36.39	35.81	36.67	0.003479	2.34	27.73	17.49	0.59
Yarkon	Raba	30424.49	P5	48.00	33.89	36.07	35.53	36.30	0.003424	2.15	22.31	15.84	0.58
Yarkon	Raba	30424.49	P10	35.00	33.89	35.77	35.27	35.97	0.003346	1.96	17.84	14.34	0.56
Yarkon	Raba	30344.49	P1	79.00	33.50	35.97	35.79	36.50	0.007401	3.24	24.35	16.58	0.85
Yarkon	Raba	30344.49	P2	65.00	33.50	35.82	35.58	36.26	0.006607	2.96	21.96	15.78	0.80
Yarkon	Raba	30344.49	P5	48.00	33.50	35.59	35.30	35.93	0.005712	2.59	18.50	14.53	0.73
Yarkon	Raba	30344.49	P10	35.00	33.50	35.36	35.04	35.63	0.005008	2.28	15.36	13.30	0.68
Yarkon	Raba	30270.32	P1	79.00	33.36	35.27	35.27	35.84	0.010533	3.35	23.57	20.60	1.00
Yarkon	Raba	30270.32	P2	65.00	33.36	35.10	35.10	35.63	0.010816	3.22	20.19	19.13	1.00
Yarkon	Raba	30270.32	P5	48.00	33.36	34.86	34.86	35.33	0.011269	3.02	15.89	17.08	1.00
Yarkon	Raba	30270.32	P10	35.00	33.36	34.65	34.65	35.05	0.011810	2.83	12.37	15.20	1.00
Yarkon	Raba	30185.21	P1	79.00	32.23	33.78	33.98	34.69	0.015986	4.22	18.73	15.53	1.23
Yarkon	Raba	30185.21	P2	65.00	32.23	33.61	33.79	34.44	0.016731	4.04	16.11	14.82	1.24
Yarkon	Raba	30185.21	P5	48.00	32.23	33.38	33.54	34.09	0.017696	3.74	12.83	13.87	1.24
Yarkon	Raba	30185.21	P10	35.00	32.23	33.19	33.31	33.78	0.018264	3.41	10.25	13.07	1.23
Yarkon	Raba	30104.49	P1	79.00	31.71	34.10	33.09	34.22	0.001432	1.55	50.94	31.94	0.39

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	30104.49	P2	65.00	31.71	33.87	32.94	33.98	0.001395	1.48	43.93	28.77	0.38
Yarkon	Raba	30104.49	P5	48.00	31.71	33.54	32.73	33.64	0.001370	1.37	35.06	25.46	0.37
Yarkon	Raba	30104.49	P10	35.00	31.71	33.23	32.55	33.31	0.001440	1.27	27.58	23.34	0.37
Yarkon	Raba	30024.49	P1	79.00	31.52	34.03	32.85	34.12	0.000883	1.36	61.26	111.55	0.32
Yarkon	Raba	30024.49	P2	65.00	31.52	33.80	32.71	33.88	0.000880	1.29	50.59	52.90	0.31
Yarkon	Raba	30024.49	P5	48.00	31.52	33.47	32.53	33.54	0.000875	1.17	41.24	50.14	0.30
Yarkon	Raba	30024.49	P10	35.00	31.52	33.16	32.37	33.21	0.000914	1.07	32.87	47.53	0.30
Yarkon	Raba	29944.49	P1	79.00	30.90	33.43	33.25	33.89	0.007311	3.01	26.28	20.32	0.84
Yarkon	Raba	29944.49	P2	65.00	30.90	33.19	33.04	33.65	0.008039	3.01	21.59	17.80	0.87
Yarkon	Raba	29944.49	P5	48.00	30.90	32.82	32.74	33.29	0.009256	3.04	15.79	14.20	0.92
Yarkon	Raba	29944.49	P10	35.00	30.90	32.53	32.48	32.96	0.010127	2.94	11.92	12.10	0.94
Yarkon	Raba	29898.93	P1	79.00	30.51	33.34	32.68	33.61	0.003113	2.33	35.21	27.16	0.57
Yarkon	Raba	29898.93	P2	65.00	30.51	33.08	32.49	33.34	0.003455	2.27	28.87	21.88	0.59
Yarkon	Raba	29898.93	P5	48.00	30.51	32.71	32.21	32.95	0.003581	2.16	22.17	16.19	0.59
Yarkon	Raba	29898.93	P10	35.00	30.51	32.41	31.96	32.61	0.003672	2.01	17.43	14.55	0.59
Yarkon	Raba	29864.49	P1	79.00	30.46	32.99	32.62	33.44	0.005256	2.96	27.19	28.18	0.73
Yarkon	Raba	29864.49	P2	65.00	30.46	32.74	32.41	33.16	0.005581	2.86	22.75	15.07	0.74
Yarkon	Raba	29864.49	P5	48.00	30.46	32.41	32.12	32.77	0.005769	2.66	18.01	13.63	0.74
Yarkon	Raba	29864.49	P10	35.00	30.46	32.14	31.86	32.44	0.005659	2.43	14.43	12.44	0.72
Yarkon	Raba	29784.49	P1	79.00	30.17	32.19	32.15	32.84	0.009476	3.58	22.09	15.69	0.96
Yarkon	Raba	29784.49	P2	65.00	30.17	32.07	31.95	32.60	0.008233	3.22	20.20	15.14	0.89
Yarkon	Raba	29784.49	P5	48.00	30.17	31.88	31.68	32.27	0.006803	2.76	17.40	14.29	0.80
Yarkon	Raba	29784.49	P10	35.00	30.17	31.68	31.44	31.97	0.005947	2.40	14.58	13.37	0.73
Yarkon	Raba	29704.49	P1	79.00	29.64	31.78	31.62	32.13	0.006002	2.67	34.80	54.24	0.77
Yarkon	Raba	29704.49	P2	65.00	29.64	31.68	31.48	31.97	0.005531	2.42	29.95	42.22	0.73
Yarkon	Raba	29704.49	P5	48.00	29.64	31.52	31.47	31.74	0.004874	2.10	24.18	33.47	0.67
Yarkon	Raba	29704.49	P10	35.00	29.64	31.35	31.35	31.52	0.004276	1.85	19.09	24.39	0.62
Yarkon	Raba	29624.49	P1	79.00	29.61	31.57	31.33	31.74	0.002747	2.04	63.58	92.38	0.54
Yarkon	Raba	29624.49	P2	65.00	29.61	31.44	31.21	31.61	0.002889	1.97	51.70	87.06	0.54
Yarkon	Raba	29624.49	P5	48.00	29.61	31.25	30.93	31.41	0.003141	1.85	36.01	78.08	0.55
Yarkon	Raba	29624.49	P10	35.00	29.61	31.06	30.73	31.20	0.003482	1.75	23.66	41.06	0.56
Yarkon	Raba	29544.49	P1	79.00	29.10	30.93	30.93	31.35	0.007742	2.92	32.81	53.71	0.86
Yarkon	Raba	29544.49	P2	65.00	29.10	30.78	30.78	31.19	0.008594	2.85	25.28	44.50	0.89
Yarkon	Raba	29544.49	P5	48.00	29.10	30.53	30.53	30.93	0.011352	2.81	17.17	24.23	0.99
Yarkon	Raba	29544.49	P10	35.00	29.10	30.34	30.34	30.69	0.012132	2.63	13.28	18.70	1.00
Yarkon	Raba	29464.49	P1	79.00	27.60	29.75	29.34	30.12	0.004219	2.75	32.80	34.49	0.66
Yarkon	Raba	29464.49	P2	65.00	27.60	28.82	29.14	29.93	0.026439	4.68	13.89	14.23	1.51
Yarkon	Raba	29464.49	P5	48.00	27.60	29.22	28.90	29.52	0.004900	2.42	19.83	16.37	0.68
Yarkon	Raba	29464.49	P10	35.00	27.60	28.94	28.68	29.19	0.005396	2.25	15.59	14.52	0.69
Yarkon	Raba	29384.49	P1	79.00	26.82	29.54	28.86	29.77	0.003195	2.12	37.18	25.73	0.56
Yarkon	Raba	29384.49	P2	65.00	26.82	29.30	28.65	29.52	0.003155	2.07	31.35	22.22	0.56
Yarkon	Raba	29384.49	P5	48.00	26.82	28.98	28.37	29.17	0.003101	1.94	24.74	19.09	0.54
Yarkon	Raba	29384.49	P10	35.00	26.82	28.68	28.10	28.84	0.002995	1.80	19.43	16.32	0.53
Yarkon	Raba	29304.49	P1	79.00	26.70	29.09	28.70	29.46	0.003903	2.77	34.93	32.44	0.64
Yarkon	Raba	29304.49	P2	65.00	26.70	28.89	28.48	29.22	0.003823	2.59	29.22	25.91	0.63
Yarkon	Raba	29304.49	P5	48.00	26.70	28.59	28.19	28.87	0.003911	2.38	22.08	21.67	0.62
Yarkon	Raba	29304.49	P10	35.00	26.70	28.32	27.94	28.55	0.003964	2.15	16.82	17.13	0.61
Yarkon	Raba	29224.49	P1	79.00	26.02	29.04	28.05	29.19	0.001490	1.86	55.56	46.00	0.41
Yarkon	Raba	29224.49	P2	65.00	26.02	28.81	27.85	28.96	0.001533	1.78	45.45	44.15	0.41
Yarkon	Raba	29224.49	P5	48.00	26.02	28.48	27.59	28.62	0.001614	1.66	31.56	40.15	0.41
Yarkon	Raba	29224.49	P10	35.00	26.02	28.21	27.35	28.32	0.001459	1.45	24.08	23.91	0.38
Yarkon	Raba	29144.29	P1	79.00	26.50	28.69	28.20	28.97	0.004662	2.34	33.69	27.23	0.67
Yarkon	Raba	29144.29	P2	65.00	26.50	28.46	28.02	28.74	0.004665	2.33	27.89	22.70	0.67
Yarkon	Raba	29144.29	P5	48.00	26.50	28.16	27.78	28.41	0.004214	2.20	21.86	17.98	0.64
Yarkon	Raba	29144.29	P10	35.00	26.50	27.93	27.57	28.12	0.003885	1.96	17.90	16.53	0.60
Yarkon	Raba	29051.19	P1	79.00	26.04	28.22	27.81	28.55	0.004382	2.51	31.43	21.81	0.67
Yarkon	Raba	29051.19	P2	65.00	26.04	27.99	27.65	28.30	0.004717	2.45	26.51	20.21	0.68
Yarkon	Raba	29051.19	P5	48.00	26.04	27.68	27.42	27.96	0.005353	2.34	20.49	18.45	0.71
Yarkon	Raba	29051.19	P10	35.00	26.04	27.41	27.22	27.66	0.006200	2.23	15.71	17.10	0.74
Yarkon	Raba	28983.67	P1	79.00	25.66	28.10	27.32	28.29	0.002191	1.90	41.58	26.17	0.48
Yarkon	Raba	28983.67	P2	65.00	25.66	27.86	27.16	28.03	0.002194	1.83	35.59	23.80	0.48
Yarkon	Raba	28983.67	P5	48.00	25.66	27.52	26.94	27.68	0.002377	1.72	27.91	21.76	0.48
Yarkon	Raba	28983.67	P10	35.00	25.66	27.22	26.74	27.35	0.002687	1.63	21.47	19.95	0.50
Yarkon	Raba	28900.54	P1	79.00	25.25	27.96	26.98	28.12	0.001714	1.74	45.42	27.26	0.43
Yarkon	Raba	28900.54	P2	65.00	25.25	27.72	26.81	27.86	0.001635	1.65	39.32	24.40	0.42
Yarkon	Raba	28900.54	P5	48.00	25.25	27.38	26.58	27.50	0.001631	1.53	31.40	21.89	0.41
Yarkon	Raba	28900.54	P10	35.00	25.25	27.06	26.37	27.16	0.001686	1.42	24.72	19.88	0.41
Yarkon	Raba	28815.07	P1	79.00	24.75	27.85	26.67	27.99	0.001227	1.64	48.72	27.93	0.37
Yarkon	Raba	28815.07	P2	65.00	24.75	27.62	26.49	27.74	0.001212	1.53	42.59	24.90	0.36
Yarkon	Raba	28815.07	P5	48.00	24.75	27.28	26.25	27.38	0.001147	1.38	34.83	21.59	0.35

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	28815.07	P10	35.00	24.75	26.96	26.03	27.04	0.001089	1.24	28.26	19.83	0.33
Yarkon	Raba	28733.25	P1	79.00	24.75	27.77	26.50	27.89	0.000983	1.48	54.42	31.73	0.33
Yarkon	Raba	28733.25	P2	65.00	24.75	27.54	26.34	27.64	0.000968	1.38	47.44	28.28	0.33
Yarkon	Raba	28733.25	P5	48.00	24.75	27.21	26.12	27.28	0.000910	1.24	38.75	23.87	0.31
Yarkon	Raba	28733.25	P10	35.00	24.75	26.89	25.92	26.95	0.000866	1.11	31.51	22.08	0.30
Yarkon	Raba	28661.87	P1	79.00	24.75	27.62		27.79	0.001609	1.80	44.91	28.34	0.42
Yarkon	Raba	28661.87	P2	65.00	24.75	27.40		27.54	0.001611	1.68	38.76	25.42	0.41
Yarkon	Raba	28661.87	P5	48.00	24.75	27.07		27.19	0.001600	1.53	31.34	21.42	0.40
Yarkon	Raba	28661.87	P10	35.00	24.75	26.77		26.87	0.001568	1.40	25.09	19.46	0.39
Yarkon	Raba	28590.43	P1	79.00	24.50	27.55		27.67	0.001202	1.58	50.81	32.98	0.37
Yarkon	Raba	28590.43	P2	65.00	24.50	27.32		27.43	0.001200	1.48	44.10	26.94	0.36
Yarkon	Raba	28590.43	P5	48.00	24.50	26.99		27.08	0.001138	1.33	36.04	23.57	0.34
Yarkon	Raba	28590.43	P10	35.00	24.50	26.69		26.76	0.001062	1.20	29.23	21.31	0.33
Yarkon	Raba	28512.53	P1	79.00	24.50	27.45	26.33	27.57	0.001352	1.54	51.42	31.05	0.38
Yarkon	Raba	28512.53	P2	65.00	24.50	27.22	26.17	27.33	0.001323	1.46	44.59	28.66	0.37
Yarkon	Raba	28512.53	P5	48.00	24.50	26.90	25.94	26.99	0.001248	1.34	35.95	25.22	0.36
Yarkon	Raba	28512.53	P10	35.00	24.50	26.60	25.74	26.68	0.001145	1.21	28.91	22.01	0.34
Yarkon	Raba	28466.4	P1	79.00	24.50	27.37	26.34	27.50	0.001501	1.60	49.28	30.21	0.40
Yarkon	Raba	28466.4	P2	65.00	24.50	27.15	26.17	27.26	0.001475	1.52	42.70	27.91	0.39
Yarkon	Raba	28466.4	P5	48.00	24.50	26.83	25.93	26.93	0.001414	1.40	34.37	24.78	0.38
Yarkon	Raba	28466.4	P10	35.00	24.50	26.54	25.72	26.62	0.001333	1.27	27.54	21.88	0.36
Yarkon	Raba	28398.34	P1	79.00	24.50	27.26	26.27	27.39	0.001654	1.65	47.88	30.26	0.42
Yarkon	Raba	28398.34	P2	65.00	24.50	27.03	26.11	27.16	0.001626	1.57	41.36	27.75	0.41
Yarkon	Raba	28398.34	P5	48.00	24.50	26.72	25.88	26.83	0.001528	1.44	33.32	24.30	0.39
Yarkon	Raba	28398.34	P10	35.00	24.50	26.44	25.67	26.53	0.001404	1.30	26.87	21.40	0.37
Yarkon	Raba	28363.95	P1	79.00	24.50	27.10	26.41	27.31	0.002886	2.01	39.26	27.87	0.54
Yarkon	Raba	28363.95	P2	65.00	24.50	26.88	26.23	27.07	0.002928	1.95	33.30	24.99	0.54
Yarkon	Raba	28363.95	P5	48.00	24.50	26.58	25.97	26.75	0.002769	1.82	26.44	21.16	0.52
Yarkon	Raba	28363.95	P10	35.00	24.50	26.31	25.74	26.45	0.002572	1.65	21.19	18.47	0.49
Yarkon	Raba	28310.87	P1	79.00	24.50	27.01	26.13	27.17	0.001775	1.82	45.06	33.59	0.44
Yarkon	Raba	28310.87	P2	65.00	24.50	26.78	25.96	26.93	0.001866	1.73	38.00	28.55	0.44
Yarkon	Raba	28310.87	P5	48.00	24.50	26.49	25.74	26.61	0.001793	1.56	30.67	22.21	0.43
Yarkon	Raba	28310.87	P10	35.00	24.50	26.23	25.55	26.33	0.001650	1.39	25.15	20.43	0.40
Yarkon	Raba	28287.94	P1	79.00	24.50	27.00	25.93	27.12	0.001286	1.55	50.89	28.85	0.37
Yarkon	Raba	28287.94	P2	65.00	24.50	26.77	25.78	26.88	0.001257	1.46	44.48	27.19	0.36
Yarkon	Raba	28287.94	P5	48.00	24.50	26.48	25.58	26.56	0.001149	1.30	36.86	25.11	0.34
Yarkon	Raba	28287.94	P10	35.00	24.50	26.22	25.40	26.28	0.001046	1.15	30.52	23.50	0.32
Yarkon	Raba	28268.72	P1	79.00	24.50	27.03	25.56	27.07	0.000398	1.00	97.33	127.81	0.22
Yarkon	Raba	28268.72	P2	65.00	24.50	26.80	25.47	26.84	0.000386	0.93	86.87	126.21	0.21
Yarkon	Raba	28268.72	P5	48.00	24.50	26.50	25.34	26.53	0.000354	0.81	73.61	124.17	0.20
Yarkon	Raba	28268.72	P10	35.00	24.50	26.23	25.23	26.25	0.000324	0.71	61.92	119.66	0.18
Yarkon	Raba	28251.86		Bridge									
Yarkon	Raba	28237.42	P1	79.00	24.24	26.99	25.86	27.05	0.000563	1.11	79.86	171.00	0.25
Yarkon	Raba	28237.42	P2	65.00	24.24	26.76	25.75	26.82	0.000593	1.04	68.99	158.09	0.25
Yarkon	Raba	28237.42	P5	48.00	24.24	26.47	25.57	26.51	0.000641	0.95	54.59	146.28	0.26
Yarkon	Raba	28237.42	P10	35.00	24.24	26.20	25.38	26.24	0.000717	0.88	41.73	118.78	0.26
Yarkon	Raba	28206.89	P1	79.00	24.25	26.99	25.58	27.03	0.000394	0.87	94.82	78.96	0.21
Yarkon	Raba	28206.89	P2	65.00	24.25	26.76	25.47	26.80	0.000404	0.82	79.60	57.43	0.21
Yarkon	Raba	28206.89	P5	48.00	24.25	26.46	25.32	26.49	0.000399	0.75	64.31	46.71	0.20
Yarkon	Raba	28206.89	P10	35.00	24.25	26.19	25.19	26.22	0.000382	0.67	52.27	43.22	0.19
Yarkon	Raba	28174.03	P1	97.00	24.25	26.82	25.91	26.98	0.001579	1.75	55.48	30.84	0.42
Yarkon	Raba	28174.03	P2	79.00	24.25	26.62	25.76	26.75	0.001478	1.60	49.38	29.88	0.40
Yarkon	Raba	28174.03	P5	58.00	24.25	26.35	25.56	26.45	0.001337	1.40	41.49	28.59	0.37
Yarkon	Raba	28174.03	P10	42.00	24.25	26.11	25.39	26.18	0.001202	1.21	34.68	27.43	0.34
Yarkon	Raba	28136.92		Bridge									
Yarkon	Raba	28107.21	P1	97.00	24.24	26.73	25.91	26.86	0.001363	1.64	66.35	103.98	0.39
Yarkon	Raba	28107.21	P2	79.00	24.24	26.53	25.75	26.64	0.001378	1.52	57.29	99.59	0.38
Yarkon	Raba	28107.21	P5	58.00	24.24	26.26	25.56	26.35	0.001399	1.37	45.58	94.41	0.38
Yarkon	Raba	28107.21	P10	42.00	24.24	26.02	25.40	26.09	0.001400	1.23	35.33	41.02	0.37
Yarkon	Raba	28083.56	P1	97.00	24.27	26.17	26.17	26.71	0.010576	3.26	29.78	27.52	1.00
Yarkon	Raba	28083.56	P2	79.00	24.27	26.01	26.01	26.50	0.010954	3.10	25.47	26.02	1.00
Yarkon	Raba	28083.56	P5	58.00	24.27	25.80	25.80	26.22	0.011463	2.87	20.23	24.08	1.00
Yarkon	Raba	28083.56	P10	42.00	24.27	25.61	25.61	25.97	0.012102	2.64	15.91	22.34	1.00
Yarkon	Raba	28050.32	P1	97.00	23.50	26.10	25.66	26.43	0.003621	2.60	41.68	37.22	0.63
Yarkon	Raba	28050.32	P2	79.00	23.50	25.95	25.47	26.22	0.003318	2.34	36.33	33.31	0.59
Yarkon	Raba	28050.32	P5	58.00	23.50	25.75	25.22	25.94	0.002848	1.98	30.16	28.14	0.53
Yarkon	Raba	28050.32	P10	42.00	23.50	25.53	25.00	25.68	0.002621	1.71	24.67	22.76	0.50
Yarkon	Raba	28017.75	P1	97.00	23.42	26.13	25.46	26.29	0.001618	1.89	70.87	117.73	0.43

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	28017.75	P2	79.00	23.42	25.95	25.22	26.10	0.001602	1.77	59.44	94.68	0.42
Yarkon	Raba	28017.75	P5	58.00	23.42	25.73	24.97	25.85	0.001519	1.57	44.82	85.76	0.40
Yarkon	Raba	28017.75	P10	42.00	23.42	25.50	24.74	25.59	0.001437	1.38	32.79	48.89	0.38
Yarkon	Raba	27971.43	P1	97.00	23.36	26.11		26.21	0.000868	1.49	92.57	115.49	0.32
Yarkon	Raba	27971.43	P2	79.00	23.36	25.93		26.02	0.000835	1.38	77.21	97.51	0.31
Yarkon	Raba	27971.43	P5	58.00	23.36	25.71		25.78	0.000738	1.20	58.82	75.36	0.29
Yarkon	Raba	27971.43	P10	42.00	23.36	25.48		25.53	0.000645	1.02	44.37	51.54	0.26
Yarkon	Raba	27938.13	P1	97.00	23.28	26.10	25.25	26.17	0.000762	1.40	120.38	141.65	0.30
Yarkon	Raba	27938.13	P2	79.00	23.28	25.92	24.96	25.99	0.000789	1.34	98.81	127.90	0.30
Yarkon	Raba	27938.13	P5	58.00	23.28	25.69	24.71	25.75	0.000781	1.23	72.06	113.05	0.29
Yarkon	Raba	27938.13	P10	42.00	23.28	25.45	24.49	25.51	0.000750	1.10	50.86	76.98	0.28
Yarkon	Raba	27858.13	P1	97.00	23.02	26.07	25.18	26.11	0.000504	1.23	159.17	241.19	0.25
Yarkon	Raba	27858.13	P2	79.00	23.02	25.88	24.95	25.93	0.000517	1.19	134.06	228.73	0.25
Yarkon	Raba	27858.13	P5	58.00	23.02	25.65	24.57	25.69	0.000502	1.09	103.34	151.66	0.24
Yarkon	Raba	27858.13	P10	42.00	23.02	25.42	24.32	25.46	0.000492	1.00	74.43	110.11	0.23
Yarkon	Raba	27801.15	P1	97.00	22.65	26.05	24.85	26.08	0.000320	1.04	170.74	237.63	0.20
Yarkon	Raba	27801.15	P2	79.00	22.65	25.87	24.71	25.90	0.000297	0.95	151.68	232.25	0.19
Yarkon	Raba	27801.15	P5	58.00	22.65	25.64	24.49	25.67	0.000253	0.83	128.03	226.14	0.17
Yarkon	Raba	27801.15	P10	42.00	22.65	25.41	24.14	25.43	0.000224	0.72	104.35	219.80	0.16
Yarkon	Raba	27759.46	P1	97.00	22.24	26.04	23.86	26.07	0.000187	0.85	145.74	238.55	0.16
Yarkon	Raba	27759.46	P2	79.00	22.24	25.86	23.69	25.89	0.000156	0.74	134.57	236.83	0.14
Yarkon	Raba	27759.46	P5	58.00	22.24	25.64	23.46	25.66	0.000114	0.60	121.04	233.50	0.12
Yarkon	Raba	27759.46	P10	42.00	22.24	25.41	23.27	25.42	0.000083	0.49	107.27	220.46	0.10
Yarkon	Raba	27701.62	P1	97.00	22.98	26.01	24.70	26.05	0.000397	1.03	119.71	107.62	0.22
Yarkon	Raba	27701.62	P2	79.00	22.98	25.83	24.54	25.87	0.000356	0.93	107.03	103.74	0.21
Yarkon	Raba	27701.62	P5	58.00	22.98	25.62	24.35	25.64	0.000290	0.78	91.97	99.13	0.18
Yarkon	Raba	27701.62	P10	42.00	22.98	25.39	24.18	25.41	0.000247	0.66	76.97	94.40	0.16
Yarkon	Raba	27660.39	P1	97.00	22.99	25.57	25.48	25.95	0.005580	3.14	48.57	155.70	0.77
Yarkon	Raba	27660.39	P2	79.00	22.99	25.47	25.32	25.78	0.004763	2.79	43.33	150.69	0.70
Yarkon	Raba	27660.39	P5	58.00	22.99	25.37	25.12	25.58	0.003433	2.27	38.05	145.18	0.59
Yarkon	Raba	27660.39	P10	42.00	22.99	25.19	24.95	25.36	0.003167	2.00	29.75	135.37	0.55
Yarkon	Raba	27615.35	P1	97.00	22.24	25.45	25.34	25.66	0.004440	2.33	66.59	156.61	0.66
Yarkon	Raba	27615.35	P2	79.00	22.24	25.29	25.24	25.53	0.005319	2.34	50.84	143.41	0.70
Yarkon	Raba	27615.35	P5	58.00	22.24	25.08	25.02	25.35	0.007007	2.41	31.49	81.30	0.78
Yarkon	Raba	27615.35	P10	42.00	22.24	24.86	24.62	25.13	0.006986	2.33	19.53	38.25	0.77
Yarkon	Raba	27575.82	P1	97.00	22.08	25.34	24.94	25.49	0.002993	1.75	60.31	93.46	0.53
Yarkon	Raba	27575.82	P2	79.00	22.08	25.18	24.81	25.33	0.003294	1.68	48.75	64.72	0.55
Yarkon	Raba	27575.82	P5	58.00	22.08	24.96	24.62	25.09	0.003988	1.61	36.12	46.73	0.58
Yarkon	Raba	27575.82	P10	42.00	22.08	24.72	24.42	24.85	0.004653	1.61	26.16	37.41	0.61
Yarkon	Raba	27536.65	P1	97.00	22.13	25.29	24.58	25.38	0.001663	1.35	76.10	102.79	0.40
Yarkon	Raba	27536.65	P2	79.00	22.13	25.13	24.43	25.21	0.001782	1.29	61.70	75.25	0.41
Yarkon	Raba	27536.65	P5	58.00	22.13	24.89	24.21	24.97	0.001723	1.20	48.13	50.88	0.40
Yarkon	Raba	27536.65	P10	42.00	22.13	24.65	23.95	24.72	0.001738	1.14	36.92	42.75	0.39
Yarkon	Raba	27500.35	P1	97.00	22.39	25.14	24.69	25.29	0.002847	1.75	59.59	77.94	0.52
Yarkon	Raba	27500.35	P2	79.00	22.39	24.98	24.53	25.12	0.003031	1.68	48.50	59.38	0.53
Yarkon	Raba	27500.35	P5	58.00	22.39	24.74	24.31	24.87	0.003474	1.59	36.55	43.48	0.55
Yarkon	Raba	27500.35	P10	42.00	22.39	24.50	24.10	24.62	0.003692	1.56	26.99	34.41	0.56
Yarkon	Raba	27455.93	P1	97.00	22.09	25.04	24.42	25.16	0.002482	1.53	63.26	61.36	0.48
Yarkon	Raba	27455.93	P2	79.00	22.09	24.87	24.25	24.98	0.002470	1.48	53.37	54.34	0.48
Yarkon	Raba	27455.93	P5	58.00	22.09	24.63	23.96	24.73	0.002350	1.39	41.62	44.63	0.46
Yarkon	Raba	27455.93	P10	42.00	22.09	24.39	23.72	24.48	0.002297	1.32	31.74	36.09	0.45
Yarkon	Raba	27376.14	P1	97.00	21.83	24.93	24.04	25.02	0.001189	1.32	80.83	91.86	0.35
Yarkon	Raba	27376.14	P2	79.00	21.83	24.76	23.87	24.84	0.001222	1.24	66.41	76.08	0.35
Yarkon	Raba	27376.14	P5	58.00	21.83	24.52	23.61	24.59	0.001225	1.12	51.87	47.52	0.34
Yarkon	Raba	27376.14	P10	42.00	21.83	24.29	23.39	24.34	0.001118	1.01	41.43	41.05	0.32
Yarkon	Raba	27321.04	P1	97.00	21.49	24.84	23.80	24.95	0.001138	1.52	83.51	114.18	0.36
Yarkon	Raba	27321.04	P2	79.00	21.49	24.67	23.61	24.77	0.001099	1.41	66.54	88.85	0.35
Yarkon	Raba	27321.04	P5	58.00	21.49	24.45	23.38	24.52	0.000994	1.22	50.78	56.75	0.32
Yarkon	Raba	27321.04	P10	42.00	21.49	24.23	23.15	24.29	0.000863	1.04	40.20	32.76	0.29
Yarkon	Raba	27297.16	P1	97.00	21.49	24.83	23.97	24.91	0.000967	1.28	90.18	96.13	0.32
Yarkon	Raba	27297.16	P2	79.00	21.49	24.66	23.76	24.73	0.000965	1.19	75.16	81.45	0.32
Yarkon	Raba	27297.16	P5	58.00	21.49	24.44	23.44	24.49	0.000952	1.06	58.73	66.47	0.31
Yarkon	Raba	27297.16	P10	42.00	21.49	24.21	23.20	24.26	0.001010	0.95	45.18	54.54	0.30
Yarkon	Raba	27251.88	P1	97.00	21.49	24.81	24.03	24.86	0.000743	1.15	142.38	183.41	0.28
Yarkon	Raba	27251.88	P2	79.00	21.49	24.63	23.90	24.69	0.000846	1.14	110.76	169.60	0.30
Yarkon	Raba	27251.88	P5	58.00	21.49	24.39	23.67	24.45	0.001050	1.13	71.69	151.85	0.32
Yarkon	Raba	27251.88	P10	42.00	21.49	24.15	23.31	24.21	0.001308	1.09	41.84	68.50	0.35
Yarkon	Raba	27182.5	P1	97.00	21.57	24.74	24.15	24.81	0.000941	1.54	148.49	190.64	0.33
Yarkon	Raba	27182.5	P2	79.00	21.57	24.54	24.01	24.62	0.001128	1.58	111.78	174.32	0.36
Yarkon	Raba	27182.5	P5	58.00	21.57	24.29	23.77	24.37	0.001254	1.52	74.52	117.53	0.37

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Yarkon	Raba	27182.5	P10	42.00	21.57	24.00	23.51	24.10	0.001622	1.54	45.54	86.47	0.41
Yarkon	Raba	27124.63	P1	97.00	21.48	24.67	23.87	24.75	0.001123	1.33	101.13	131.30	0.34
Yarkon	Raba	27124.63	P2	79.00	21.48	24.47	23.70	24.55	0.001306	1.30	77.38	109.30	0.36
Yarkon	Raba	27124.63	P5	58.00	21.48	24.21	23.41	24.29	0.001514	1.25	52.76	79.44	0.38
Yarkon	Raba	27124.63	P10	42.00	21.48	23.92	23.16	24.00	0.001800	1.25	34.19	46.37	0.40
Yarkon	Raba	27063.06	P1	97.00	20.96	24.62	23.35	24.69	0.000724	1.17	91.20	103.55	0.28
Yarkon	Raba	27063.06	P2	79.00	20.96	24.43	23.16	24.49	0.000731	1.09	74.48	68.22	0.28
Yarkon	Raba	27063.06	P5	58.00	20.96	24.17	22.92	24.22	0.000695	0.96	60.60	45.71	0.27
Yarkon	Raba	27063.06	P10	42.00	20.96	23.88	22.68	23.92	0.000649	0.87	48.18	39.64	0.25
Yarkon	Raba	27003.41	P1	97.00	20.91	24.60	23.45	24.64	0.000537	1.03	147.32	244.66	0.25
Yarkon	Raba	27003.41	P2	79.00	20.91	24.39	23.30	24.44	0.000634	1.04	109.17	199.28	0.26
Yarkon	Raba	27003.41	P5	58.00	20.91	24.14	23.02	24.17	0.000582	0.89	79.11	72.60	0.24
Yarkon	Raba	27003.41	P10	42.00	20.91	23.85	22.79	23.88	0.000604	0.84	59.19	63.05	0.24
Yarkon	Raba	26943.26	P1	97.00	20.85	24.41	23.89	24.57	0.001610	2.13	93.83	107.37	0.43
Yarkon	Raba	26943.26	P2	79.00	20.85	24.20	23.71	24.36	0.001681	2.05	73.53	89.46	0.44
Yarkon	Raba	26943.26	P5	58.00	20.85	23.96	23.40	24.10	0.001631	1.87	53.43	72.05	0.42
Yarkon	Raba	26943.26	P10	42.00	20.85	23.65	23.00	23.80	0.001878	1.79	34.21	54.03	0.44
Yarkon	Raba	26884.28	P1	97.00	21.01	24.41	23.39	24.48	0.000662	1.32	131.72	188.21	0.28
Yarkon	Raba	26884.28	P2	79.00	21.01	24.20	23.24	24.26	0.000720	1.28	104.02	122.42	0.29
Yarkon	Raba	26884.28	P5	58.00	21.01	23.94	23.03	24.01	0.000730	1.18	75.19	104.18	0.28
Yarkon	Raba	26884.28	P10	42.00	21.01	23.64	22.72	23.69	0.000773	1.07	50.91	58.30	0.28
Yarkon	Raba	26822.83	P1	97.00	20.59	24.19	23.63	24.38	0.002214	2.13	67.83	178.68	0.49
Yarkon	Raba	26822.83	P2	79.00	20.59	24.01	23.47	24.18	0.002047	1.92	56.48	56.03	0.47
Yarkon	Raba	26822.83	P5	58.00	20.59	23.79	23.26	23.92	0.001876	1.68	44.93	49.67	0.44
Yarkon	Raba	26822.83	P10	42.00	20.59	23.47	22.94	23.60	0.002497	1.65	30.22	39.96	0.48
Yarkon	Raba	26758.98	P1	97.00	20.35	23.60	23.60	24.10	0.005799	3.39	43.15	54.56	0.78
Yarkon	Raba	26758.98	P2	79.00	20.35	23.41	23.41	23.90	0.006113	3.25	33.52	47.36	0.79
Yarkon	Raba	26758.98	P5	58.00	20.35	22.98	22.98	23.59	0.010287	3.48	17.02	29.83	0.97
Yarkon	Raba	26758.98	P10	42.00	20.35	22.64	22.64	23.21	0.011420	3.36	12.50	14.18	1.00
Yarkon	Raba	26686.55	P1	97.00	19.60	23.34	22.66	23.56	0.002574	2.11	49.93	38.97	0.52
Yarkon	Raba	26686.55	P2	79.00	19.60	23.15	22.46	23.35	0.002435	1.95	42.92	35.41	0.50
Yarkon	Raba	26686.55	P5	58.00	19.60	22.78	22.21	22.96	0.002854	1.88	31.09	27.84	0.52
Yarkon	Raba	26686.55	P10	42.00	19.60	22.40	21.99	22.58	0.003617	1.87	22.45	20.49	0.57
Yarkon	Raba	26631.03	P1	97.00	18.93	22.71	22.71	23.24	0.011351	3.24	29.97	28.13	1.00
Yarkon	Raba	26631.03	P2	79.00	18.93	22.32	22.32	23.00	0.011134	3.65	21.66	15.97	1.00
Yarkon	Raba	26631.03	P5	58.00	18.93	21.90	21.90	22.58	0.011497	3.66	15.84	11.60	1.00
Yarkon	Raba	26631.03	P10	42.00	18.93	21.54	21.54	22.16	0.012014	3.48	12.08	9.84	1.00
Yarkon	Raba	26582.38	P1	97.00	18.35	22.32	21.46	22.60	0.003610	2.36	41.09	26.22	0.60
Yarkon	Raba	26582.38	P2	79.00	18.35	22.07	21.21	22.33	0.003335	2.25	35.08	22.50	0.58
Yarkon	Raba	26582.38	P5	58.00	18.35	21.63	20.87	21.87	0.002897	2.18	26.60	15.83	0.54
Yarkon	Raba	26582.38	P10	42.00	18.35	21.22	20.55	21.43	0.002919	2.04	20.61	13.65	0.53
Yarkon	Raba	26529.01	P1	97.00	18.21	22.19	21.44	22.40	0.003040	2.04	47.49	34.56	0.55
Yarkon	Raba	26529.01	P2	79.00	18.21	21.92	21.09	22.13	0.003352	2.02	39.10	30.21	0.57
Yarkon	Raba	26529.01	P5	58.00	18.21	21.46	20.76	21.69	0.003681	2.12	27.36	20.80	0.59
Yarkon	Raba	26529.01	P10	42.00	18.21	21.04	20.45	21.26	0.003260	2.07	20.29	14.32	0.56
Yarkon	Raba	26461.06	P1	97.00	17.90	22.03	21.10	22.21	0.002272	1.88	51.83	36.37	0.48
Yarkon	Raba	26461.06	P2	79.00	17.90	21.76	20.83	21.93	0.002340	1.83	43.10	29.51	0.48
Yarkon	Raba	26461.06	P5	58.00	17.90	21.27	20.45	21.46	0.002855	1.91	30.42	22.60	0.52
Yarkon	Raba	26461.06	P10	42.00	17.90	20.86	20.14	21.04	0.002861	1.88	22.34	16.76	0.52
Yarkon	Raba	26405	P1	97.00	17.80	21.89	20.84	22.08	0.002175	1.96	53.62	51.81	0.48
Yarkon	Raba	26405	P2	79.00	17.80	21.58	20.60	21.78	0.002758	1.97	40.56	35.38	0.52
Yarkon	Raba	26405	P5	58.00	17.80	21.11	20.27	21.30	0.002472	1.96	29.53	18.63	0.50
Yarkon	Raba	26405	P10	42.00	17.80	20.72	19.97	20.89	0.002368	1.82	23.02	15.64	0.48
Yarkon	Raba	26341.06	P1	97.00	17.62	20.86	20.86	21.69	0.010256	4.04	24.02	14.42	1.00
Yarkon	Raba	26341.06	P2	79.00	17.62	20.61	20.60	21.36	0.010322	3.83	20.60	13.44	0.99
Yarkon	Raba	26341.06	P5	58.00	17.62	20.26	20.25	20.92	0.010850	3.60	16.13	12.05	0.99
Yarkon	Raba	26341.06	P10	42.00	17.62	19.94	19.94	20.52	0.011561	3.37	12.48	10.83	1.00
Yarkon	Raba	26271.8	P1	97.00	16.71	20.66	19.92	21.12	0.004114	3.00	32.29	14.11	0.63
Yarkon	Raba	26271.8	P2	79.00	16.71	20.46	19.64	20.83	0.003438	2.66	29.64	13.59	0.58
Yarkon	Raba	26271.8	P5	58.00	16.71	20.17	19.25	20.43	0.002709	2.25	25.76	12.79	0.51
Yarkon	Raba	26271.8	P10	42.00	16.71	19.84	18.90	20.03	0.002257	1.93	21.72	11.90	0.46
Yarkon	Raba	26220.49	P1	97.00	16.72	20.67	19.64	20.88	0.001815	2.05	53.89	44.71	0.45
Yarkon	Raba	26220.49	P2	79.00	16.72	20.45	19.41	20.63	0.001752	1.90	44.46	40.12	0.43
Yarkon	Raba	26220.49	P5	58.00	16.72	20.14	19.09	20.28	0.001585	1.67	34.64	19.96	0.41
Yarkon	Raba	26220.49	P10	42.00	16.72	19.80	18.80	19.91	0.001435	1.49	28.25	18.05	0.38
Yarkon	Raba	26172.08	P1	97.00	16.94	20.39	19.93	20.73	0.003821	2.61	40.02	38.15	0.63
Yarkon	Raba	26172.08	P2	79.00	16.94	20.19	19.63	20.49	0.003858	2.42	33.34	28.40	0.62
Yarkon	Raba	26172.08	P5	58.00	16.94	19.90	19.32	20.14	0.003880	2.20	26.38	19.87	0.61
Yarkon	Raba	26172.08	P10	42.00	16.94	19.59	19.04	19.79	0.003166	1.98	21.20	15.92	0.55

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
				(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
Yarkon	Raba	26098.55	P1	97.00	16.29	20.33	19.47	20.48	0.001573	1.77	64.29	55.79	0.41
Yarkon	Raba	26098.55	P2	79.00	16.29	20.12	19.29	20.25	0.001566	1.66	54.22	43.13	0.40
Yarkon	Raba	26098.55	P5	58.00	16.29	19.80	18.98	19.91	0.001624	1.52	41.44	37.21	0.40
Yarkon	Raba	26098.55	P10	42.00	16.29	19.48	18.56	19.58	0.001839	1.43	30.48	30.99	0.41
Yarkon	Raba	26043.81	P1	97.00	16.52	20.25	19.19	20.40	0.001291	1.79	67.15	62.04	0.39
Yarkon	Raba	26043.81	P2	79.00	16.52	20.04	19.00	20.17	0.001267	1.66	55.04	52.98	0.38
Yarkon	Raba	26043.81	P5	58.00	16.52	19.73	18.72	19.84	0.001187	1.47	41.67	29.58	0.36
Yarkon	Raba	26043.81	P10	42.00	16.52	19.41	18.44	19.50	0.001156	1.31	32.88	25.67	0.34
Yarkon	Raba	25977.47	P1	97.00	15.68	20.14	19.47	20.30	0.002032	1.85	69.70	70.85	0.45
Yarkon	Raba	25977.47	P2	79.00	15.68	19.90	19.29	20.06	0.002309	1.84	53.67	60.43	0.47
Yarkon	Raba	25977.47	P5	58.00	15.68	19.55	19.03	19.71	0.002849	1.82	35.87	41.38	0.51
Yarkon	Raba	25977.47	P10	42.00	15.68	19.16	18.81	19.34	0.004285	1.89	22.68	27.45	0.60
Yarkon	Raba	25932.51	P1	97.00	15.58	20.17	18.66	20.22	0.000453	0.97	111.30	86.44	0.23
Yarkon	Raba	25932.51	P2	79.00	15.58	19.93	18.48	19.97	0.000480	0.92	91.06	80.64	0.23
Yarkon	Raba	25932.51	P5	58.00	15.58	19.57	18.06	19.61	0.000562	0.86	67.23	51.57	0.24
Yarkon	Raba	25932.51	P10	42.00	15.58	19.19	17.76	19.23	0.000625	0.84	49.75	41.21	0.25
Yarkon	Raba	25875.04	P1	97.00	15.52	20.13	18.68	20.18	0.000587	1.08	100.65	106.49	0.25
Yarkon	Raba	25875.04	P2	79.00	15.52	19.88	18.55	19.94	0.000574	1.02	79.88	70.08	0.25
Yarkon	Raba	25875.04	P5	58.00	15.52	19.53	18.33	19.58	0.000558	0.94	61.88	39.61	0.24
Yarkon	Raba	25875.04	P10	42.00	15.52	19.15	18.12	19.19	0.000625	0.88	47.52	36.11	0.25
Yarkon	Raba	25818.14	P1	97.00	15.76	19.69	19.02	20.05	0.005297	2.64	36.69	26.22	0.71
Yarkon	Raba	25818.14	P2	79.00	15.76	19.51	18.75	19.82	0.004274	2.44	32.37	22.00	0.64
Yarkon	Raba	25818.14	P5	58.00	15.76	19.25	18.39	19.48	0.002860	2.12	27.32	16.62	0.53
Yarkon	Raba	25818.14	P10	42.00	15.76	18.92	18.05	19.10	0.002243	1.87	22.51	13.70	0.46
Yarkon	Raba	25788.38	P1	97.00	15.81	19.73	18.67	19.90	0.001444	1.88	70.70	105.71	0.41
Yarkon	Raba	25788.38	P2	79.00	15.81	19.54	18.44	19.69	0.001382	1.73	55.15	67.55	0.39
Yarkon	Raba	25788.38	P5	58.00	15.81	19.26	18.12	19.38	0.001296	1.52	40.95	40.92	0.37
Yarkon	Raba	25788.38	P10	42.00	15.81	18.92	17.83	19.02	0.001367	1.38	30.41	21.89	0.37
Yarkon	Raba	25758.61	P1	97.00	16.00	19.44	19.08	19.79	0.004990	2.62	37.16	32.20	0.70
Yarkon	Raba	25758.61	P2	79.00	16.00	19.31	18.84	19.59	0.004469	2.35	33.61	25.83	0.66
Yarkon	Raba	25758.61	P5	58.00	16.00	19.08	18.46	19.30	0.003785	2.08	27.85	22.58	0.60
Yarkon	Raba	25758.61	P10	42.00	16.00	18.73	18.16	18.93	0.003653	2.01	20.94	17.34	0.58
Yarkon	Raba	25732.59	P1	97.00	16.01	19.09	19.09	19.58	0.011175	3.10	31.24	31.78	1.00
Yarkon	Raba	25732.59	P2	79.00	16.01	18.90	18.90	19.38	0.011337	3.08	25.69	26.68	1.00
Yarkon	Raba	25732.59	P5	58.00	16.01	18.54	18.54	19.08	0.011160	3.24	17.91	16.75	1.00
Yarkon	Raba	25732.59	P10	42.00	16.01	18.19	18.19	18.72	0.011325	3.21	13.07	12.38	1.00
Yarkon	Raba	25704.09	P1	97.00	15.33	19.18	17.18	19.22	0.000262	0.89	111.38	58.77	0.18
Yarkon	Raba	25704.09	P2	79.00	15.33	18.89	17.04	18.92	0.000257	0.82	96.36	44.63	0.17
Yarkon	Raba	25704.09	P5	58.00	15.33	18.47	16.87	18.50	0.000249	0.73	79.03	40.73	0.17
Yarkon	Raba	25704.09	P10	42.00	15.33	18.04	16.72	18.06	0.000268	0.68	61.98	38.23	0.17
Yarkon	Raba	25690.43	P1	97.00	14.51	19.17	16.67	19.21	0.000256	0.92	107.94	60.67	0.18
Yarkon	Raba	25690.43	P2	79.00	14.51	18.88	16.47	18.92	0.000227	0.84	93.88	36.22	0.17
Yarkon	Raba	25690.43	P5	58.00	14.51	18.47	16.21	18.50	0.000198	0.73	79.41	34.35	0.15
Yarkon	Raba	25690.43	P10	42.00	14.51	18.04	15.98	18.06	0.000184	0.65	65.07	32.16	0.14
Yarkon	Raba	25655.73	P1	97.00	14.36	19.16	16.66	19.20	0.000205	0.87	124.32	74.41	0.16
Yarkon	Raba	25655.73	P2	79.00	14.36	18.88	16.47	18.91	0.000193	0.79	106.40	59.17	0.15
Yarkon	Raba	25655.73	P5	58.00	14.36	18.47	16.22	18.49	0.000179	0.69	85.33	45.55	0.14
Yarkon	Raba	25655.73	P10	42.00	14.36	18.03	16.01	18.05	0.000172	0.61	68.50	34.50	0.14
Yarkon	Raba	25609.91	P1	97.00	14.17	19.09	17.14	19.18	0.000562	1.34	89.95	66.46	0.26
Yarkon	Raba	25609.91	P2	79.00	14.17	18.81	16.91	18.88	0.000554	1.25	72.80	54.94	0.25
Yarkon	Raba	25609.91	P5	58.00	14.17	18.40	16.60	18.47	0.000541	1.12	53.84	39.21	0.24
Yarkon	Raba	25609.91	P10	42.00	14.17	17.98	16.31	18.03	0.000512	1.01	41.78	21.89	0.23
Yarkon	Raba	25574.48	P1	97.00	14.13	19.09	16.88	19.15	0.000476	1.07	106.99	127.78	0.23
Yarkon	Raba	25574.48	P2	79.00	14.13	18.80	16.64	18.86	0.000467	1.03	81.49	57.89	0.23
Yarkon	Raba	25574.48	P5	58.00	14.13	18.40	16.33	18.44	0.000498	0.94	61.47	36.85	0.23
Yarkon	Raba	25574.48	P10	42.00	14.13	17.97	16.04	18.01	0.000412	0.87	48.38	27.05	0.21
Yarkon	Raba	25531.3	P1	97.00	14.14	19.06	16.75	19.13	0.000361	1.17	110.77	98.21	0.21
Yarkon	Raba	25531.3	P2	79.00	14.14	18.78	16.52	18.84	0.000355	1.08	85.97	73.29	0.21
Yarkon	Raba	25531.3	P5	58.00	14.14	18.38	16.21	18.43	0.000340	0.95	64.25	48.32	0.20
Yarkon	Raba	25531.3	P10	42.00	14.14	17.96	15.93	18.00	0.000325	0.84	49.74	24.57	0.19
Yarkon	Raba	25496.01	P1	97.00	14.15	19.06	16.72	19.11	0.000330	1.06	116.13	84.81	0.20
Yarkon	Raba	25496.01	P2	79.00	14.15	18.78	16.49	18.82	0.000314	0.98	96.84	64.01	0.19
Yarkon	Raba	25496.01	P5	58.00	14.15	18.37	16.18	18.41	0.000302	0.88	72.13	58.28	0.19
Yarkon	Raba	25496.01	P10	42.00	14.15	17.95	15.89	17.98	0.000300	0.79	53.06	28.24	0.18
Yarkon	Raba	25476.89	P1	97.00	14.15	19.04	16.63	19.10	0.000374	1.19	109.93	75.78	0.21
Yarkon	Raba	25476.89	P2	79.00	14.15	18.75	16.39	18.81	0.000365	1.11	89.85	66.64	0.21
Yarkon	Raba	25476.89	P5	58.00	14.15	18.35	16.07	18.40	0.000345	0.99	64.30	61.03	0.20
Yarkon	Raba	25476.89	P10	42.00	14.15	17.94	15.79	17.98	0.000307	0.87	48.55	21.72	0.18
Yarkon	Raba	25456.04	P1	97.00	14.13	19.01	16.78	19.09	0.000511	1.30	100.91	81.92	0.25
Yarkon	Raba	25456.04	P2	79.00	14.13	18.73	16.53	18.80	0.000516	1.23	80.00	69.50	0.24



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	25456.04	P5	58.00	14.13	18.33	16.19	18.39	0.000502	1.10	57.10	46.18	0.23
Yarkon	Raba	25456.04	P10	42.00	14.13	17.92	15.88	17.97	0.000448	0.99	42.58	25.44	0.22
Yarkon	Raba	25436.74	P1	97.00	14.11	18.99	16.85	19.08	0.000535	1.32	88.11	81.33	0.25
Yarkon	Raba	25436.74	P2	79.00	14.11	18.72	16.62	18.79	0.000455	1.20	72.34	39.76	0.23
Yarkon	Raba	25436.74	P5	58.00	14.11	18.33	16.30	18.38	0.000399	1.05	58.01	32.14	0.21
Yarkon	Raba	25436.74	P10	42.00	14.11	17.91	16.00	17.96	0.000367	0.92	46.20	25.12	0.20
Yarkon	Raba	25402.87	P1	97.00	14.09	18.99	16.90	19.06	0.000455	1.21	107.74	112.46	0.24
Yarkon	Raba	25402.87	P2	79.00	14.09	18.71	16.66	18.77	0.000455	1.13	82.42	67.44	0.23
Yarkon	Raba	25402.87	P5	58.00	14.09	18.31	16.32	18.37	0.000467	1.02	60.24	42.13	0.23
Yarkon	Raba	25402.87	P10	42.00	14.09	17.90	16.01	17.94	0.000489	0.93	45.27	29.94	0.23
Yarkon	Raba	25383.39	P1	97.00	14.06	18.98	17.09	19.05	0.000538	1.19	101.53	94.30	0.25
Yarkon	Raba	25383.39	P2	79.00	14.06	18.70	16.84	18.76	0.000586	1.14	78.07	71.46	0.26
Yarkon	Raba	25383.39	P5	58.00	14.06	18.30	16.46	18.35	0.000628	1.06	55.90	40.84	0.26
Yarkon	Raba	25383.39	P10	42.00	14.06	17.88	16.07	17.93	0.000682	1.01	41.77	27.58	0.26
Yarkon	Raba	25352.06	P1	97.00	14.01	18.94	17.02	19.03	0.000641	1.33	92.21	85.23	0.27
Yarkon	Raba	25352.06	P2	79.00	14.01	18.66	16.76	18.74	0.000689	1.27	70.74	67.19	0.28
Yarkon	Raba	25352.06	P5	58.00	14.01	18.26	16.41	18.33	0.000748	1.17	51.10	37.35	0.28
Yarkon	Raba	25352.06	P10	42.00	14.01	17.85	16.09	17.91	0.000635	1.08	39.06	22.02	0.26
Yarkon	Raba	25326.98	P1	97.00	13.98	18.87	16.86	19.00	0.000761	1.68	80.85	111.22	0.30
Yarkon	Raba	25326.98	P2	79.00	13.98	18.61	16.58	18.72	0.000712	1.53	65.22	67.36	0.28
Yarkon	Raba	25326.98	P5	58.00	13.98	18.22	16.20	18.31	0.000661	1.35	49.72	36.93	0.27
Yarkon	Raba	25326.98	P10	42.00	13.98	17.82	15.86	17.89	0.000560	1.18	37.17	24.92	0.24
Yarkon	Raba	25310.38	P1	97.00	14.04	18.84	17.03	18.98	0.001006	1.83	74.34	77.05	0.33
Yarkon	Raba	25310.38	P2	79.00	14.04	18.57	16.75	18.70	0.000906	1.70	62.26	42.90	0.31
Yarkon	Raba	25310.38	P5	58.00	14.04	18.18	16.38	18.29	0.000809	1.51	47.06	36.47	0.29
Yarkon	Raba	25310.38	P10	42.00	14.04	17.79	16.04	17.88	0.000712	1.32	34.68	25.44	0.27
Yarkon	Raba	25303.36	P1	97.00	14.09	18.88	16.61	18.94	0.000677	1.08	89.85	59.52	0.27
Yarkon	Raba	25303.36	P2	79.00	14.09	18.61	16.35	18.66	0.000647	1.04	76.04	46.06	0.26
Yarkon	Raba	25303.36	P5	58.00	14.09	18.21	16.02	18.26	0.000647	0.98	59.25	38.95	0.25
Yarkon	Raba	25303.36	P10	42.00	14.09	17.81	15.72	17.85	0.000602	0.93	45.08	29.85	0.24
Yarkon	Raba	25287.83	P1	97.00	14.20	18.85	16.58	18.93	0.000605	1.23	81.32	120.76	0.26
Yarkon	Raba	25287.83	P2	79.00	14.20	18.59	16.32	18.65	0.000615	1.14	70.83	117.67	0.26
Yarkon	Raba	25287.83	P5	58.00	14.20	18.20	15.98	18.25	0.000626	1.04	56.27	110.93	0.25
Yarkon	Raba	25287.83	P10	42.00	14.20	17.80	15.69	17.84	0.000653	0.97	43.39	102.27	0.25
Yarkon	Raba	25271.37	P1	97.00	14.26	18.85	16.47	18.92	0.000567	1.18	82.35	37.31	0.25
Yarkon	Raba	25271.37	P2	79.00	14.26	18.58	16.23	18.64	0.000503	1.08	72.83	33.99	0.24
Yarkon	Raba	25271.37	P5	58.00	14.26	18.19	15.92	18.24	0.000455	0.96	60.24	31.13	0.22
Yarkon	Raba	25271.37	P10	42.00	14.26	17.79	15.64	17.83	0.000315	0.85	49.24	22.70	0.18
Yarkon	Raba	25257.66	P1	97.00	14.24	18.87	16.13	18.90	0.000213	0.80	120.97	48.32	0.16
Yarkon	Raba	25257.66	P2	79.00	14.24	18.60	15.92	18.62	0.000184	0.73	108.39	44.83	0.15
Yarkon	Raba	25257.66	P5	58.00	14.24	18.21	15.67	18.23	0.000152	0.63	91.77	40.60	0.13
Yarkon	Raba	25257.66	P10	42.00	14.24	17.80	15.44	17.82	0.000131	0.55	76.20	37.08	0.12
Yarkon	Raba	25226.76		Bridge									
Yarkon	Raba	25190.12	P1	97.00	14.15	18.81	17.13	18.85	0.000461	0.93	105.19	63.99	0.22
Yarkon	Raba	25190.12	P2	79.00	14.15	18.54	16.85	18.58	0.000497	0.89	89.01	57.81	0.23
Yarkon	Raba	25190.12	P5	58.00	14.15	18.16	16.54	18.19	0.000520	0.85	68.45	49.18	0.23
Yarkon	Raba	25190.12	P10	42.00	14.15	17.75	16.16	17.79	0.000648	0.84	49.90	42.64	0.25
Yarkon	Raba	25167.81	P1	97.00	14.14	18.78	16.99	18.84	0.000446	1.06	100.48	92.59	0.23
Yarkon	Raba	25167.81	P2	79.00	14.14	18.52	16.79	18.57	0.000465	0.99	83.14	60.26	0.23
Yarkon	Raba	25167.81	P5	58.00	14.14	18.14	16.52	18.18	0.000491	0.91	64.00	41.22	0.23
Yarkon	Raba	25167.81	P10	42.00	14.14	17.74	16.26	17.78	0.000477	0.85	49.35	32.40	0.22
Yarkon	Raba	25022.5	P1	97.00	13.73	18.75	16.74	18.79	0.000283	1.00	193.28	169.40	0.19
Yarkon	Raba	25022.5	P2	79.00	13.73	18.48	16.48	18.52	0.000316	0.99	151.16	147.44	0.19
Yarkon	Raba	25022.5	P5	58.00	13.73	18.08	16.13	18.12	0.000389	1.02	95.34	130.01	0.21
Yarkon	Raba	25022.5	P10	42.00	13.73	17.65	15.81	17.70	0.000471	1.03	47.50	60.53	0.23
Yarkon	Raba	25001.15	P1	97.00	13.75	18.75	16.66	18.78	0.000268	0.92	190.84	185.71	0.18
Yarkon	Raba	25001.15	P2	79.00	13.75	18.48	16.41	18.51	0.000293	0.90	145.53	157.84	0.18
Yarkon	Raba	25001.15	P5	58.00	13.75	18.07	16.06	18.11	0.000368	0.90	92.98	117.45	0.20
Yarkon	Raba	25001.15	P10	42.00	13.75	17.65	15.74	17.69	0.000476	0.89	52.95	55.73	0.22
Yarkon	Raba	24970.96	P1	97.00	13.87	18.73	16.52	18.77	0.000337	1.08	163.44	162.50	0.20
Yarkon	Raba	24970.96	P2	79.00	13.87	18.45	16.26	18.50	0.000376	1.07	121.18	140.54	0.21
Yarkon	Raba	24970.96	P5	58.00	13.87	18.04	15.92	18.10	0.000430	1.04	74.63	91.37	0.22
Yarkon	Raba	24970.96	P10	42.00	13.87	17.63	15.61	17.67	0.000473	0.97	45.21	40.87	0.22
Yarkon	Raba	24921.21	P1	97.00	13.88	18.67	16.90	18.75	0.000611	1.31	117.68	186.85	0.26
Yarkon	Raba	24921.21	P2	79.00	13.88	18.39	16.57	18.47	0.000711	1.31	81.14	112.60	0.28
Yarkon	Raba	24921.21	P5	58.00	13.88	17.98	16.21	18.06	0.000830	1.24	48.99	47.02	0.29
Yarkon	Raba	24921.21	P10	42.00	13.88	17.57	15.88	17.64	0.000865	1.15	36.39	22.60	0.29
Yarkon	Raba	24834.72	P1	97.00	13.88	18.43	16.72	18.65	0.001347	2.08	56.30	129.57	0.38
Yarkon	Raba	24834.72	P2	79.00	13.88	18.20	16.44	18.37	0.001194	1.87	45.19	35.42	0.35

## HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	24834.72	P5	58.00	13.88	17.85	16.06	17.98	0.000939	1.57	37.03	14.03	0.31
Yarkon	Raba	24834.72	P10	42.00	13.88	17.48	15.73	17.56	0.000743	1.32	31.89	13.34	0.27
Yarkon	Raba	24786.76	P1	97.00	13.86	18.46	16.36	18.56	0.000572	1.38	85.37	131.39	0.26
Yarkon	Raba	24786.76	P2	79.00	13.86	18.22	16.12	18.30	0.000524	1.25	69.20	49.08	0.25
Yarkon	Raba	24786.76	P5	58.00	13.86	17.86	15.80	17.92	0.000438	1.08	53.95	22.63	0.22
Yarkon	Raba	24786.76	P10	42.00	13.86	17.48	15.52	17.52	0.000362	0.92	45.60	20.99	0.20
Yarkon	Raba	24749.84	P1	97.00	13.76	18.46	15.90	18.53	0.000370	1.21	98.16	101.40	0.21
Yarkon	Raba	24749.84	P2	79.00	13.76	18.21	15.68	18.27	0.000333	1.10	82.81	55.66	0.20
Yarkon	Raba	24749.84	P5	58.00	13.76	17.86	15.39	17.90	0.000275	0.93	63.98	45.43	0.18
Yarkon	Raba	24749.84	P10	42.00	13.76	17.48	15.14	17.51	0.000213	0.78	53.92	20.95	0.15
Yarkon	Raba	24675	P1	97.00	13.77	18.38	16.58	18.49	0.000765	1.56	101.26	113.47	0.29
Yarkon	Raba	24675	P2	79.00	13.77	18.14	16.31	18.23	0.000704	1.44	79.53	68.66	0.28
Yarkon	Raba	24675	P5	58.00	13.77	17.78	15.96	17.86	0.000653	1.30	57.14	55.12	0.26
Yarkon	Raba	24675	P10	42.00	13.77	17.41	15.64	17.48	0.000597	1.16	39.93	37.56	0.25
Yarkon	Raba	24601.52	P1	97.00	13.86	18.38	16.68	18.43	0.000427	1.18	130.21	107.22	0.23
Yarkon	Raba	24601.52	P2	79.00	13.86	18.14	16.22	18.18	0.000378	1.05	109.21	76.74	0.21
Yarkon	Raba	24601.52	P5	58.00	13.86	17.77	15.88	17.82	0.000364	0.95	83.56	66.13	0.20
Yarkon	Raba	24601.52	P10	42.00	13.86	17.39	15.59	17.43	0.000384	0.88	60.35	55.18	0.20
Yarkon	Raba	24559.97	P1	97.00	13.81	18.35	16.50	18.42	0.000426	1.23	124.02	125.83	0.23
Yarkon	Raba	24559.97	P2	79.00	13.81	18.11	16.28	18.16	0.000408	1.13	97.97	93.41	0.22
Yarkon	Raba	24559.97	P5	58.00	13.81	17.75	15.99	17.80	0.000390	1.01	70.91	59.13	0.21
Yarkon	Raba	24559.97	P10	42.00	13.81	17.37	15.72	17.41	0.000383	0.91	51.40	44.07	0.20
Yarkon	Raba	24516.49	P1	97.00	13.79	18.34	16.55	18.39	0.000437	1.20	152.16	272.04	0.22
Yarkon	Raba	24516.49	P2	79.00	13.79	18.08	16.32	18.14	0.000515	1.22	105.82	254.75	0.24
Yarkon	Raba	24516.49	P5	58.00	13.79	17.72	16.01	17.78	0.000517	1.11	63.59	62.70	0.23
Yarkon	Raba	24516.49	P10	42.00	13.79	17.34	15.72	17.39	0.000521	1.00	44.07	40.71	0.23
Yarkon	Raba	24444.45	P1	97.00	13.86	18.33	15.95	18.36	0.000200	0.93	199.47	635.01	0.16
Yarkon	Raba	24444.45	P2	79.00	13.86	18.07	15.73	18.11	0.000211	0.91	153.64	237.15	0.16
Yarkon	Raba	24444.45	P5	58.00	13.86	17.71	15.44	17.74	0.000208	0.83	98.88	107.80	0.16
Yarkon	Raba	24444.45	P10	42.00	13.86	17.33	15.17	17.36	0.000205	0.75	65.77	73.84	0.15
Yarkon	Raba	24355.23	P1	97.00	13.98	18.32	16.53	18.34	0.000251	0.76	231.38	339.87	0.17
Yarkon	Raba	24355.23	P2	79.00	13.98	18.05	16.25	18.08	0.000350	0.82	164.34	294.05	0.20
Yarkon	Raba	24355.23	P5	58.00	13.98	17.67	15.94	17.71	0.000604	0.92	77.65	130.00	0.25
Yarkon	Raba	24355.23	P10	42.00	13.98	17.28	15.66	17.32	0.000749	0.95	44.05	35.09	0.27
Yarkon	Raba	24292.47	P1	97.00	13.90	18.29	16.37	18.32	0.000287	0.95	208.25	244.57	0.19
Yarkon	Raba	24292.47	P2	79.00	13.90	18.03	16.14	18.06	0.000324	0.94	153.41	168.16	0.20
Yarkon	Raba	24292.47	P5	58.00	13.90	17.65	15.83	17.68	0.000345	0.91	102.18	115.15	0.20
Yarkon	Raba	24292.47	P10	42.00	13.90	17.25	15.56	17.29	0.000375	0.92	61.50	93.45	0.20
Yarkon	Raba	24189.78	P1	97.00	13.62	18.27	15.61	18.30	0.000155	0.85	175.64	272.90	0.14
Yarkon	Raba	24189.78	P2	79.00	13.62	18.01	15.42	18.04	0.000141	0.76	134.51	81.73	0.14
Yarkon	Raba	24189.78	P5	58.00	13.62	17.64	15.17	17.66	0.000124	0.66	105.69	71.15	0.13
Yarkon	Raba	24189.78	P10	42.00	13.62	17.24	14.94	17.26	0.000115	0.58	79.93	58.04	0.12
Yarkon	Raba	24099.84	P1	97.00	13.33	18.24	15.80	18.28	0.000304	0.94	149.26	344.31	0.19
Yarkon	Raba	24099.84	P2	79.00	13.33	17.98	15.58	18.02	0.000301	0.86	109.95	235.03	0.19
Yarkon	Raba	24099.84	P5	58.00	13.33	17.61	15.28	17.64	0.000304	0.79	75.95	49.05	0.18
Yarkon	Raba	24099.84	P10	42.00	13.33	17.22	15.02	17.24	0.000279	0.71	59.09	37.49	0.17
Yarkon	Raba	24020.19	P1	97.00	13.29	18.15	15.97	18.24	0.000569	1.38	104.27	310.94	0.26
Yarkon	Raba	24020.19	P2	79.00	13.29	17.89	15.72	17.98	0.000564	1.32	68.70	187.19	0.25
Yarkon	Raba	24020.19	P5	58.00	13.29	17.54	15.38	17.60	0.000452	1.12	51.87	20.96	0.22
Yarkon	Raba	24020.19	P10	42.00	13.29	17.17	15.07	17.22	0.000359	0.94	44.49	19.20	0.20
Yarkon	Raba	23965.15	P1	97.00	13.35	18.15	15.78	18.21	0.000314	1.03	128.79	311.80	0.20
Yarkon	Raba	23965.15	P2	79.00	13.35	17.90	15.56	17.94	0.000290	0.94	98.29	138.12	0.19
Yarkon	Raba	23965.15	P5	58.00	13.35	17.54	15.26	17.57	0.000260	0.82	70.54	32.99	0.17
Yarkon	Raba	23965.15	P10	42.00	13.35	17.17	14.99	17.19	0.000217	0.71	59.36	28.53	0.16
Yarkon	Raba	23952.11		Inl Struct									
Yarkon	Raba	23939.91	P1	97.00	13.37	18.13	15.80	18.19	0.000350	1.10	136.60	276.05	0.21
Yarkon	Raba	23939.91	P2	79.00	13.37	17.86	15.57	17.92	0.000364	1.07	87.22	149.66	0.21
Yarkon	Raba	23939.91	P5	58.00	13.37	17.50	15.28	17.54	0.000310	0.92	63.31	27.75	0.19
Yarkon	Raba	23939.91	P10	42.00	13.37	17.14	15.00	17.17	0.000249	0.78	53.95	24.61	0.17
Yarkon	Raba	23881.31	P1	97.00	13.33	18.12	15.79	18.17	0.000321	1.07	129.76	222.93	0.20
Yarkon	Raba	23881.31	P2	79.00	13.33	17.84	15.57	17.90	0.000333	1.02	92.92	125.50	0.20
Yarkon	Raba	23881.31	P5	58.00	13.33	17.49	15.27	17.53	0.000294	0.88	66.71	37.93	0.19
Yarkon	Raba	23881.31	P10	42.00	13.33	17.12	14.99	17.15	0.000246	0.76	55.54	26.38	0.17
Yarkon	Raba	23807.67	P1	97.00	12.94	18.13	15.15	18.14	0.000072	0.44	221.27	104.23	0.09
Yarkon	Raba	23807.67	P2	79.00	12.94	17.86	14.98	17.87	0.000072	0.41	193.74	96.27	0.09
Yarkon	Raba	23807.67	P5	58.00	12.94	17.50	14.75	17.50	0.000063	0.36	160.50	86.50	0.08
Yarkon	Raba	23807.67	P10	42.00	12.94	17.13	14.53	17.13	0.000055	0.32	130.78	75.31	0.08
Yarkon	Raba	23649.39	P1	97.00	13.10	18.12	15.05	18.13	0.000087	0.58	200.38	224.30	0.11
Yarkon	Raba	23649.39	P2	79.00	13.10	17.84	14.84	17.86	0.000081	0.53	176.69	186.07	0.10



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Yarkon	Raba	22427	P1	97.00	12.19	17.94	14.82	17.96	0.000116	0.68	175.56	327.51	0.12
Yarkon	Raba	22427	P2	79.00	12.19	17.67	14.58	17.69	0.000108	0.62	154.24	239.43	0.12
Yarkon	Raba	22427	P5	58.00	12.19	17.31	14.24	17.32	0.000098	0.54	125.19	188.62	0.11
Yarkon	Raba	22427	P10	42.00	12.19	16.93	13.94	16.94	0.000096	0.48	94.43	144.95	0.10
Yarkon	Raba	22358.96	P1	97.00	12.18	17.94	15.53	17.95	0.000083	0.53	230.00	318.68	0.10
Yarkon	Raba	22358.96	P2	79.00	12.18	17.67	15.35	17.68	0.000081	0.49	200.80	241.70	0.10
Yarkon	Raba	22358.96	P5	58.00	12.18	17.31	14.73	17.32	0.000079	0.44	161.03	181.51	0.10
Yarkon	Raba	22358.96	P10	42.00	12.18	16.92	14.31	16.93	0.000088	0.40	119.28	161.79	0.10
Yarkon	Raba	22213.11	P1	97.00	12.41	17.93	15.04	17.94	0.000035	0.32	308.69	229.66	0.07
Yarkon	Raba	22213.11	P2	79.00	12.41	17.67	14.90	17.67	0.000034	0.29	273.30	170.32	0.06
Yarkon	Raba	22213.11	P5	58.00	12.41	17.30	14.70	17.31	0.000033	0.26	225.66	142.89	0.06
Yarkon	Raba	22213.11	P10	42.00	12.41	16.92	14.50	16.92	0.000037	0.24	176.28	119.19	0.06
Yarkon	Raba	22151.13	P1	97.00	12.37	17.92	15.11	17.93	0.000097	0.60	269.44	376.29	0.11
Yarkon	Raba	22151.13	P2	79.00	12.37	17.65	14.88	17.67	0.000102	0.58	222.53	364.70	0.11
Yarkon	Raba	22151.13	P5	58.00	12.37	17.29	14.57	17.30	0.000113	0.55	158.56	344.89	0.12
Yarkon	Raba	22151.13	P10	42.00	12.37	16.90	14.30	16.92	0.000137	0.54	89.59	153.48	0.12
Yarkon	Raba	22085.54	P1	97.00	12.38	17.91	15.11	17.93	0.000109	0.65	241.31	397.78	0.12
Yarkon	Raba	22085.54	P2	79.00	12.38	17.64	14.89	17.66	0.000114	0.62	195.67	389.58	0.12
Yarkon	Raba	22085.54	P5	58.00	12.38	17.28	14.58	17.29	0.000120	0.58	131.09	259.80	0.12
Yarkon	Raba	22085.54	P10	42.00	12.38	16.89	14.29	16.91	0.000125	0.53	90.19	216.48	0.12
Yarkon	Raba	22043.8	P1	97.00	12.38	17.91	14.88	17.92	0.000058	0.51	337.37	693.49	0.09
Yarkon	Raba	22043.8	P2	79.00	12.38	17.64	14.66	17.65	0.000060	0.49	277.45	361.67	0.09
Yarkon	Raba	22043.8	P5	58.00	12.38	17.28	14.34	17.29	0.000062	0.46	195.84	339.97	0.09
Yarkon	Raba	22043.8	P10	42.00	12.38	16.89	14.03	16.90	0.000065	0.43	119.59	291.13	0.09
Yarkon	Raba	21926.21	P1	97.00	11.94	17.91	14.31	17.92	0.000040	0.45	416.37	551.62	0.07
Yarkon	Raba	21926.21	P2	79.00	11.94	17.64	14.11	17.65	0.000041	0.43	344.72	537.95	0.07
Yarkon	Raba	21926.21	P5	58.00	11.94	17.28	13.83	17.28	0.000042	0.41	247.10	498.05	0.07
Yarkon	Raba	21926.21	P10	42.00	11.94	16.89	13.57	16.89	0.000040	0.36	169.58	377.16	0.07
Yarkon	Raba	21868.23	P1	97.00	11.82	17.91	14.15	17.91	0.000039	0.48	427.99	780.32	0.07
Yarkon	Raba	21868.23	P2	79.00	11.82	17.64	13.95	17.65	0.000039	0.46	350.91	715.28	0.07
Yarkon	Raba	21868.23	P5	58.00	11.82	17.27	13.69	17.28	0.000040	0.44	246.06	575.88	0.07
Yarkon	Raba	21868.23	P10	42.00	11.82	16.88	13.44	16.89	0.000036	0.39	162.00	193.75	0.07
Yarkon	Raba	21805.85	P1	97.00	11.72	17.91	14.00	17.91	0.000024	0.36	450.56	822.90	0.06
Yarkon	Raba	21805.85	P2	79.00	11.72	17.64	13.80	17.64	0.000023	0.34	390.98	756.19	0.06
Yarkon	Raba	21805.85	P5	58.00	11.72	17.27	13.55	17.28	0.000021	0.30	309.91	246.07	0.05
Yarkon	Raba	21805.85	P10	42.00	11.72	16.89	13.32	16.89	0.000020	0.27	226.57	209.42	0.05
Yarkon	Raba	21663.8	P1	97.00	12.17	17.89	14.55	17.90	0.000070	0.59	273.15	731.83	0.10
Yarkon	Raba	21663.8	P2	79.00	12.17	17.62	14.30	17.64	0.000067	0.55	230.42	658.98	0.09
Yarkon	Raba	21663.8	P5	58.00	12.17	17.26	13.95	17.27	0.000061	0.49	174.20	150.02	0.09
Yarkon	Raba	21663.8	P10	42.00	12.17	16.87	13.67	16.88	0.000055	0.43	123.24	127.68	0.08
Yarkon	Raba	21612.54	P1	97.00	12.60	17.90	15.09	17.90	0.000021	0.36	557.57	489.68	0.05
Yarkon	Raba	21612.54	P2	79.00	12.60	17.63	14.85	17.63	0.000019	0.33	502.93	472.61	0.05
Yarkon	Raba	21612.54	P5	58.00	12.60	17.26	14.37	17.27	0.000016	0.28	428.54	436.63	0.05
Yarkon	Raba	21612.54	P10	42.00	12.60	16.88	14.06	16.88	0.000015	0.25	349.76	349.58	0.04
Yarkon	Raba	21602.78		Inl Struct									
Yarkon	Raba	21595.36	P1	97.00	12.76	17.89	14.90	17.90	0.000017	0.30	593.81	820.96	0.05
Yarkon	Raba	21595.36	P2	79.00	12.76	17.63	14.57	17.63	0.000016	0.27	528.09	809.82	0.05
Yarkon	Raba	21595.36	P5	58.00	12.76	17.26	14.32	17.26	0.000015	0.24	438.60	780.42	0.04
Yarkon	Raba	21595.36	P10	42.00	12.76	16.88	14.09	16.88	0.000015	0.23	343.95	400.51	0.04
Yarkon	Raba	21539	P1	97.00	10.84	17.89	12.45	17.90	0.000010	0.29	674.05	759.48	0.04
Yarkon	Raba	21539	P2	79.00	10.84	17.63	12.28	17.63	0.000009	0.27	593.76	749.45	0.04
Yarkon	Raba	21539	P5	58.00	10.84	17.26	12.07	17.26	0.000008	0.24	484.45	682.06	0.03
Yarkon	Raba	21539	P10	42.00	10.84	16.87	11.88	16.88	0.000007	0.21	368.56	663.19	0.03
Yarkon	Raba	21481.4	P1	97.00	10.84	17.89	12.42	17.90	0.000007	0.23	719.26	717.49	0.03
Yarkon	Raba	21481.4	P2	79.00	10.84	17.63	12.27	17.63	0.000006	0.21	631.99	702.52	0.03
Yarkon	Raba	21481.4	P5	58.00	10.84	17.26	12.07	17.26	0.000005	0.18	513.16	667.50	0.03
Yarkon	Raba	21481.4	P10	42.00	10.84	16.87	11.91	16.88	0.000004	0.15	387.21	637.10	0.02
Yarkon	Raba	21341.43	P1	97.00	10.60	17.89	13.02	17.89	0.000022	0.36	467.86	676.45	0.06
Yarkon	Raba	21341.43	P2	79.00	10.60	17.62	12.80	17.63	0.000020	0.33	403.10	667.85	0.05
Yarkon	Raba	21341.43	P5	58.00	10.60	17.26	12.49	17.26	0.000018	0.29	314.31	435.14	0.05
Yarkon	Raba	21341.43	P10	42.00	10.60	16.87	12.22	16.87	0.000015	0.25	254.22	254.43	0.04
Yarkon	Raba	21117.67	P1	97.00	10.00	17.89	12.58	17.89	0.000009	0.25	692.62	612.60	0.04
Yarkon	Raba	21117.67	P2	79.00	10.00	17.62	12.38	17.62	0.000009	0.23	588.46	604.22	0.04
Yarkon	Raba	21117.67	P5	58.00	10.00	17.26	12.11	17.26	0.000007	0.19	459.68	351.42	0.03
Yarkon	Raba	21117.67	P10	42.00	10.00	16.87	11.87	16.87	0.000006	0.16	353.93	285.55	0.03
Yarkon	Raba	20956.71	P1	97.00	10.48	17.88	13.01	17.89	0.000035	0.49	452.28	583.09	0.07
Yarkon	Raba	20956.71	P2	79.00	10.48	17.61	12.75	17.62	0.000034	0.47	378.90	575.79	0.07
Yarkon	Raba	20956.71	P5	58.00	10.48	17.25	12.41	17.26	0.000031	0.43	279.74	357.10	0.06
Yarkon	Raba	20956.71	P10	42.00	10.48	16.87	12.10	16.87	0.000024	0.35	207.83	126.18	0.05

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Raba	20927.85	P1	97.00	10.39	17.88	12.79	17.89	0.000017	0.31	487.15	563.50	0.05
Yarkon	Raba	20927.85	P2	79.00	10.39	17.61	12.59	17.62	0.000015	0.29	411.90	560.95	0.05
Yarkon	Raba	20927.85	P5	58.00	10.39	17.25	12.32	17.25	0.000013	0.25	310.51	341.00	0.04
Yarkon	Raba	20927.85	P10	42.00	10.39	16.87	12.07	16.87	0.000011	0.21	236.52	150.81	0.04
Yarkon	Raba	20889.27	P1	97.00	10.53	17.88	12.83	17.88	0.000024	0.39	525.25	543.86	0.06
Yarkon	Raba	20889.27	P2	79.00	10.53	17.61	12.58	17.62	0.000023	0.37	447.18	543.52	0.06
Yarkon	Raba	20889.27	P5	58.00	10.53	17.25	12.27	17.25	0.000022	0.34	341.10	540.07	0.05
Yarkon	Raba	20889.27	P10	42.00	10.53	16.86	11.99	16.87	0.000019	0.30	240.99	219.28	0.05
Yarkon	Raba	20827.71	P1	97.00	10.67	17.88	12.91	17.88	0.000013	0.30	609.33	554.02	0.04
Yarkon	Raba	20827.71	P2	79.00	10.67	17.61	12.71	17.62	0.000012	0.28	527.39	554.02	0.04
Yarkon	Raba	20827.71	P5	58.00	10.67	17.25	12.45	17.25	0.000010	0.24	415.99	553.75	0.04
Yarkon	Raba	20827.71	P10	42.00	10.67	16.86	12.21	16.87	0.000010	0.22	298.26	344.01	0.04
Yarkon	Raba	20821.58		Inl Struct									
Yarkon	Raba	20813.73	P1	97.00	10.73	17.88	12.94	17.88	0.000014	0.31	602.27	538.59	0.05
Yarkon	Raba	20813.73	P2	79.00	10.73	17.61	12.74	17.61	0.000012	0.29	527.89	537.98	0.04
Yarkon	Raba	20813.73	P5	58.00	10.73	17.25	12.47	17.25	0.000011	0.25	426.82	537.16	0.04
Yarkon	Raba	20813.73	P10	42.00	10.73	16.86	12.23	16.86	0.000010	0.22	320.02	438.44	0.04
Yarkon	Raba	20801.09	P1	97.00	10.79	17.88	13.15	17.88	0.000015	0.32	612.84	533.88	0.05
Yarkon	Raba	20801.09	P2	79.00	10.79	17.61	12.95	17.61	0.000014	0.30	529.81	533.35	0.05
Yarkon	Raba	20801.09	P5	58.00	10.79	17.25	12.68	17.25	0.000013	0.27	416.97	532.53	0.04
Yarkon	Raba	20801.09	P10	42.00	10.79	16.86	12.43	16.86	0.000012	0.25	297.89	441.61	0.04
Yarkon	Kane	20707.31	P1	490.00	10.73	17.64	17.13	17.84	0.001369	2.43	399.17	882.24	0.41
Yarkon	Kane	20707.31	P2	402.00	10.73	17.34	16.94	17.57	0.001576	2.46	314.19	864.27	0.44
Yarkon	Kane	20707.31	P5	294.00	10.73	16.91	15.96	17.19	0.002021	2.53	190.63	395.01	0.48
Yarkon	Kane	20707.31	P10	216.00	10.73	16.53	15.39	16.81	0.002178	2.39	109.26	207.74	0.49
Yarkon	Kane	20528.04	P1	490.00	10.38	17.56	16.50	17.68	0.000711	1.87	468.94	852.40	0.31
Yarkon	Kane	20528.04	P2	402.00	10.38	17.27	16.29	17.38	0.000731	1.79	399.23	395.26	0.31
Yarkon	Kane	20528.04	P5	294.00	10.38	16.82	15.55	16.94	0.000806	1.71	295.66	365.93	0.32
Yarkon	Kane	20528.04	P10	216.00	10.38	16.37	15.00	16.51	0.001037	1.74	190.45	263.10	0.35
Yarkon	Kane	20503.84	P1	490.00	10.34	17.56	16.36	17.66	0.000618	1.88	519.62	812.76	0.29
Yarkon	Kane	20503.84	P2	402.00	10.34	17.26	16.19	17.36	0.000616	1.79	450.73	377.66	0.28
Yarkon	Kane	20503.84	P5	294.00	10.34	16.82	15.67	16.91	0.000643	1.69	348.42	344.13	0.28
Yarkon	Kane	20503.84	P10	216.00	10.34	16.37	15.18	16.47	0.000768	1.69	245.17	267.99	0.30
Yarkon	Kane	20406.54	P1	490.00	10.12	17.49	16.32	17.61	0.000725	2.11	474.11	760.13	0.31
Yarkon	Kane	20406.54	P2	402.00	10.12	17.19	16.05	17.30	0.000713	2.01	409.20	330.96	0.30
Yarkon	Kane	20406.54	P5	294.00	10.12	16.75	15.73	16.85	0.000706	1.86	316.69	266.96	0.30
Yarkon	Kane	20406.54	P10	216.00	10.12	16.28	14.74	16.40	0.000809	1.84	230.08	208.68	0.31
Yarkon	Kane	20362.81	P1	490.00	9.99	17.48	15.73	17.57	0.000498	1.64	486.70	336.70	0.26
Yarkon	Kane	20362.81	P2	402.00	9.99	17.18	15.49	17.27	0.000479	1.53	420.06	317.39	0.25
Yarkon	Kane	20362.81	P5	294.00	9.99	16.74	14.93	16.82	0.000450	1.36	329.34	221.21	0.24
Yarkon	Kane	20362.81	P10	216.00	9.99	16.29	14.49	16.36	0.000476	1.27	251.36	181.56	0.24
Yarkon	Kane	20225.35	P1	490.00	9.97	17.19	16.18	17.45	0.001218	2.64	331.79	678.31	0.41
Yarkon	Kane	20225.35	P2	402.00	9.97	16.89	15.68	17.15	0.001202	2.50	276.51	223.01	0.40
Yarkon	Kane	20225.35	P5	294.00	9.97	16.46	14.87	16.70	0.001195	2.31	197.33	182.32	0.39
Yarkon	Kane	20225.35	P10	216.00	9.97	16.05	14.33	16.24	0.001069	2.02	140.07	137.98	0.36
Yarkon	Kane	20161.35	P1	490.00	9.99	17.19	16.02	17.36	0.000776	2.43	517.21	691.88	0.33
Yarkon	Kane	20161.35	P2	402.00	9.99	16.90	15.94	17.05	0.000753	2.31	427.76	680.51	0.32
Yarkon	Kane	20161.35	P5	294.00	9.99	16.43	14.66	16.62	0.000841	2.29	299.18	595.67	0.34
Yarkon	Kane	20161.35	P10	216.00	9.99	16.00	14.02	16.18	0.000794	2.09	197.76	310.35	0.32
Yarkon	Kane	20063.93	P1	490.00	9.92	17.14	15.43	17.30	0.000658	2.18	484.67	704.62	0.31
Yarkon	Kane	20063.93	P2	402.00	9.92	16.84	15.05	17.00	0.000672	2.11	399.62	696.74	0.31
Yarkon	Kane	20063.93	P5	294.00	9.92	16.37	14.30	16.54	0.000718	2.04	270.69	681.15	0.32
Yarkon	Kane	20063.93	P10	216.00	9.92	15.94	13.70	16.11	0.000694	1.86	174.73	555.19	0.31
Yarkon	Kane	19987.85	P1	490.00	9.55	17.15	15.58	17.24	0.000548	1.84	556.37	666.16	0.27
Yarkon	Kane	19987.85	P2	402.00	9.55	16.85	15.49	16.93	0.000548	1.76	482.42	664.37	0.27
Yarkon	Kane	19987.85	P5	294.00	9.55	16.38	15.11	16.47	0.000593	1.69	368.45	661.58	0.28
Yarkon	Kane	19987.85	P10	216.00	9.55	15.93	14.22	16.04	0.000720	1.72	259.33	383.02	0.30
Yarkon	Kane	19865.44	P1	490.00	9.67	16.98	16.03	17.16	0.000895	2.41	410.38	675.16	0.34
Yarkon	Kane	19865.44	P2	402.00	9.67	16.68	15.29	16.85	0.000888	2.30	349.38	658.10	0.34
Yarkon	Kane	19865.44	P5	294.00	9.67	16.19	14.34	16.38	0.000939	2.20	253.00	633.65	0.34
Yarkon	Kane	19865.44	P10	216.00	9.67	15.72	13.73	15.93	0.001049	2.15	164.17	480.90	0.35
Yarkon	Kane	19824.66	P1	490.00	9.55	16.94	14.99	17.12	0.000749	2.17	386.54	668.89	0.33
Yarkon	Kane	19824.66	P2	402.00	9.55	16.65	14.57	16.81	0.000717	2.03	331.39	660.30	0.32
Yarkon	Kane	19824.66	P5	294.00	9.55	16.18	13.99	16.33	0.000711	1.87	243.61	638.76	0.31
Yarkon	Kane	19824.66	P10	216.00	9.55	15.72	13.49	15.87	0.000723	1.73	163.11	437.12	0.31
Yarkon	Kane	19780.54	P1	490.00	9.45	16.87	15.35	17.08	0.000992	2.32	347.59	683.36	0.37
Yarkon	Kane	19780.54	P2	402.00	9.45	16.57	14.97	16.77	0.000980	2.19	293.69	673.53	0.36
Yarkon	Kane	19780.54	P5	294.00	9.45	16.09	14.13	16.29	0.001046	2.07	206.44	650.61	0.37
Yarkon	Kane	19780.54	P10	216.00	9.45	15.63	13.57	15.82	0.001128	1.94	126.52	248.12	0.37

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Kane	19709.61	P1	490.00	9.14	16.91	13.32	17.00	0.000252	1.36	450.35	718.51	0.20
Yarkon	Kane	19709.61	P2	402.00	9.14	16.62	13.00	16.69	0.000217	1.21	404.65	717.38	0.18
Yarkon	Kane	19709.61	P5	294.00	9.14	16.15	12.46	16.20	0.000178	1.02	331.11	682.08	0.16
Yarkon	Kane	19709.61	P10	216.00	9.14	15.70	12.04	15.73	0.000149	0.86	260.09	338.48	0.14
Yarkon	Kane	19618.81	P1	490.00	9.14	16.85	14.99	16.97	0.000473	2.03	487.32	680.37	0.26
Yarkon	Kane	19618.81	P2	402.00	9.14	16.56	14.70	16.66	0.000417	1.84	440.97	650.53	0.25
Yarkon	Kane	19618.81	P5	294.00	9.14	16.09	14.20	16.18	0.000364	1.62	366.19	627.05	0.23
Yarkon	Kane	19618.81	P10	216.00	9.14	15.64	13.22	15.71	0.000338	1.47	293.80	292.46	0.22
Yarkon	Kane	19551.6	P1	490.00	9.16	16.80	14.91	16.93	0.000538	1.94	422.63	664.88	0.28
Yarkon	Kane	19551.6	P2	402.00	9.16	16.52	14.56	16.63	0.000475	1.76	381.89	660.03	0.26
Yarkon	Kane	19551.6	P5	294.00	9.16	16.06	14.08	16.15	0.000418	1.53	314.88	185.50	0.24
Yarkon	Kane	19551.6	P10	216.00	9.16	15.61	13.56	15.68	0.000391	1.37	249.26	163.16	0.23
Yarkon	Kane	19512.69	P1	490.00	9.19	16.78	14.02	16.91	0.000407	1.69	395.74	658.42	0.25
Yarkon	Kane	19512.69	P2	402.00	9.19	16.51	13.68	16.61	0.000352	1.50	358.19	185.54	0.23
Yarkon	Kane	19512.69	P5	294.00	9.19	16.05	13.19	16.13	0.000294	1.28	296.26	176.20	0.20
Yarkon	Kane	19512.69	P10	216.00	9.19	15.61	12.71	15.66	0.000251	1.09	237.41	122.01	0.19
Yarkon	Kane	19486.53	P1	490.00	9.19	16.69	14.76	16.88	0.000766	2.05	304.27	603.93	0.33
Yarkon	Kane	19486.53	P2	402.00	9.19	16.43	14.44	16.59	0.000668	1.83	273.45	589.84	0.30
Yarkon	Kane	19486.53	P5	294.00	9.19	15.99	13.88	16.11	0.000579	1.56	223.50	122.88	0.28
Yarkon	Kane	19486.53	P10	216.00	9.19	15.55	13.40	15.65	0.000540	1.37	174.35	108.18	0.26
Yarkon	Kane	19448.72	P1	490.00	9.16	16.63	14.46	16.85	0.000777	2.14	281.80	558.52	0.33
Yarkon	Kane	19448.72	P2	402.00	9.16	16.38	13.95	16.56	0.000660	1.90	256.11	545.83	0.30
Yarkon	Kane	19448.72	P5	294.00	9.16	15.96	13.30	16.09	0.000545	1.60	211.90	529.46	0.27
Yarkon	Kane	19448.72	P10	216.00	9.16	15.53	12.60	15.63	0.000472	1.37	168.87	82.88	0.25
Yarkon	Kane	19408.3	P1	490.00	9.21	16.49	14.55	16.79	0.000993	2.60	286.37	513.97	0.38
Yarkon	Kane	19408.3	P2	402.00	9.21	16.26	13.90	16.51	0.000856	2.34	248.22	509.06	0.35
Yarkon	Kane	19408.3	P5	294.00	9.21	15.88	13.22	16.05	0.000640	1.91	194.92	500.54	0.30
Yarkon	Kane	19408.3	P10	216.00	9.21	15.47	12.66	15.60	0.000526	1.61	158.69	267.97	0.27
Yarkon	Kane	19344.61	P1	490.00	8.85	16.32	15.00	16.70	0.001651	2.88	257.98	465.14	0.46
Yarkon	Kane	19344.61	P2	402.00	8.85	16.09	14.36	16.42	0.001483	2.64	213.23	456.14	0.44
Yarkon	Kane	19344.61	P5	294.00	8.85	15.78	13.42	16.00	0.001025	2.10	172.59	444.03	0.36
Yarkon	Kane	19344.61	P10	216.00	8.85	15.40	12.81	15.55	0.000834	1.79	141.19	75.26	0.32
Yarkon	Kane	19256.54	P1	490.00	8.68	16.31	14.23	16.54	0.000791	2.41	374.32	489.33	0.34
Yarkon	Kane	19256.54	P2	402.00	8.68	16.09	13.76	16.28	0.000691	2.19	328.80	475.52	0.31
Yarkon	Kane	19256.54	P5	294.00	8.68	15.75	13.06	15.91	0.000549	1.86	262.56	196.70	0.28
Yarkon	Kane	19256.54	P10	216.00	8.68	15.36	12.48	15.49	0.000469	1.62	186.58	194.34	0.25
Yarkon	upper	19100.69	P1	650.00	9.06	16.39	15.39	16.49	0.000561	1.95	755.68	1090.07	0.28
Yarkon	upper	19100.69	P2	533.00	9.06	16.15	14.85	16.24	0.000530	1.83	660.47	859.13	0.27
Yarkon	upper	19100.69	P5	390.00	9.06	15.79	13.94	15.88	0.000495	1.67	520.47	849.74	0.26
Yarkon	upper	19100.69	P10	286.00	9.06	15.37	13.40	15.48	0.000556	1.65	355.50	613.56	0.27
Yarkon	upper	19012.41	P1	650.00	9.07	16.24	15.44	16.42	0.001017	2.28	597.03	1081.08	0.37
Yarkon	upper	19012.41	P2	533.00	9.07	15.97	14.53	16.16	0.001097	2.26	476.07	1024.20	0.38
Yarkon	upper	19012.41	P5	390.00	9.07	15.56	13.74	15.79	0.001297	2.26	289.83	770.22	0.41
Yarkon	upper	19012.41	P10	286.00	9.07	15.16	12.96	15.38	0.001351	2.11	141.31	537.75	0.41
Yarkon	upper	18955.87	P1	650.00	8.95	16.18	15.04	16.36	0.001008	2.09	514.87	1013.18	0.37
Yarkon	upper	18955.87	P2	533.00	8.95	15.93	14.52	16.10	0.001025	1.99	422.46	990.58	0.37
Yarkon	upper	18955.87	P5	390.00	8.95	15.55	13.44	15.69	0.000974	1.78	304.59	711.60	0.35
Yarkon	upper	18955.87	P10	286.00	8.95	15.15	12.75	15.28	0.001039	1.64	202.52	477.11	0.35
Yarkon	upper	18905.39	P1	650.00	8.79	16.13	14.96	16.31	0.000916	2.29	552.88	927.76	0.36
Yarkon	upper	18905.39	P2	533.00	8.79	15.88	14.61	16.05	0.000889	2.16	464.68	904.65	0.35
Yarkon	upper	18905.39	P5	390.00	8.79	15.50	13.91	15.65	0.000818	1.94	353.30	657.99	0.33
Yarkon	upper	18905.39	P10	286.00	8.79	15.08	13.10	15.23	0.000868	1.83	230.31	487.42	0.33
Yarkon	upper	18509.83	P1	650.00	6.83	16.02	14.58	16.09	0.000476	1.61	845.14	987.25	0.25
Yarkon	upper	18509.83	P2	533.00	6.83	15.75	14.33	15.82	0.000486	1.56	699.83	956.38	0.25
Yarkon	upper	18509.83	P5	390.00	6.83	15.34	13.22	15.42	0.000510	1.48	508.94	803.93	0.26
Yarkon	upper	18509.83	P10	286.00	6.83	14.86	12.27	14.95	0.000604	1.46	322.47	386.24	0.27
Yarkon	upper	18452.47	P1	650.00	6.73	15.97	14.42	16.07	0.000572	2.06	825.22	989.00	0.27
Yarkon	upper	18452.47	P2	533.00	6.73	15.70	14.17	15.80	0.000575	2.00	700.92	869.23	0.27
Yarkon	upper	18452.47	P5	390.00	6.73	15.27	13.44	15.38	0.000612	1.96	514.37	792.89	0.28
Yarkon	upper	18452.47	P10	286.00	6.73	14.78	13.04	14.92	0.000719	1.98	314.15	422.64	0.30
Yarkon	upper	18397.94	P1	650.00	6.83	15.94	14.25	16.04	0.000505	1.73	768.07	1001.45	0.27
Yarkon	upper	18397.94	P2	533.00	6.83	15.67	13.69	15.77	0.000507	1.66	644.18	963.68	0.26
Yarkon	upper	18397.94	P5	390.00	6.83	15.25	13.11	15.35	0.000546	1.60	449.57	857.97	0.27
Yarkon	upper	18397.94	P10	286.00	6.83	14.77	12.33	14.87	0.000566	1.48	258.27	283.95	0.27
Yarkon	upper	18283.42	P1	650.00	8.11	15.89	13.84	16.00	0.000483	1.72	777.18	906.16	0.26
Yarkon	upper	18283.42	P2	533.00	8.11	15.62	13.46	15.72	0.000494	1.67	633.79	893.58	0.26
Yarkon	upper	18283.42	P5	390.00	8.11	15.18	12.91	15.30	0.000531	1.60	412.50	791.11	0.27
Yarkon	upper	18283.42	P10	286.00	8.11	14.70	12.40	14.81	0.000548	1.48	239.77	316.35	0.27
Yarkon	upper	18208.01	P1	650.00	7.71	15.81	13.88	15.96	0.000599	1.99	613.91	779.31	0.30
Yarkon	upper	18208.01	P2	533.00	7.71	15.55	13.52	15.68	0.000566	1.86	522.53	777.88	0.29

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	upper	18208.01	P5	390.00	7.71	15.13	12.88	15.26	0.000539	1.69	377.96	736.04	0.27
Yarkon	upper	18208.01	P10	286.00	7.71	14.65	12.28	14.77	0.000549	1.56	234.13	300.28	0.27
Yarkon	upper	18127.77	P1	650.00	8.73	15.77	13.62	15.91	0.000540	1.87	596.48	722.24	0.28
Yarkon	upper	18127.77	P2	533.00	8.73	15.51	13.24	15.64	0.000495	1.72	519.80	721.12	0.27
Yarkon	upper	18127.77	P5	390.00	8.73	15.10	12.71	15.21	0.000452	1.54	397.53	476.07	0.25
Yarkon	upper	18127.77	P10	286.00	8.73	14.62	12.26	14.72	0.000480	1.44	252.22	442.45	0.25
Yarkon	upper	18115.79		Inl Struct									
Yarkon	upper	18107.65	P1	650.00	7.20	15.70	14.24	15.89	0.000796	2.33	544.83	703.83	0.34
Yarkon	upper	18107.65	P2	533.00	7.20	15.44	13.46	15.62	0.000741	2.17	469.86	702.81	0.33
Yarkon	upper	18107.65	P5	390.00	7.20	15.02	12.80	15.19	0.000706	1.99	347.21	636.81	0.31
Yarkon	upper	18107.65	P10	286.00	7.20	14.51	12.22	14.69	0.000790	1.93	197.15	310.01	0.32
Yarkon	upper	18025.87	P1	650.00	6.60	15.59	14.23	15.82	0.000974	2.62	552.59	618.75	0.37
Yarkon	upper	18025.87	P2	533.00	6.60	15.30	13.46	15.54	0.000981	2.53	450.07	617.29	0.36
Yarkon	upper	18025.87	P5	390.00	6.60	14.83	12.73	15.10	0.001078	2.48	276.92	594.56	0.37
Yarkon	upper	18025.87	P10	286.00	6.60	14.36	12.12	14.61	0.001018	2.24	149.69	67.32	0.36
Yarkon	upper	17917.67	P1	650.00	6.89	15.60	13.75	15.70	0.000489	1.84	765.73	724.11	0.26
Yarkon	upper	17917.67	P2	533.00	6.89	15.32	13.37	15.42	0.000479	1.75	651.36	674.43	0.26
Yarkon	upper	17917.67	P5	390.00	6.89	14.85	12.73	14.96	0.000513	1.69	460.57	634.40	0.26
Yarkon	upper	17917.67	P10	286.00	6.89	14.37	12.01	14.48	0.000535	1.59	286.70	224.33	0.26
Yarkon	upper	17799.67	P1	650.00	5.85	15.58	13.78	15.66	0.000325	1.70	945.11	777.49	0.22
Yarkon	upper	17799.67	P2	533.00	5.85	15.30	12.73	15.38	0.000313	1.61	815.09	733.93	0.21
Yarkon	upper	17799.67	P5	390.00	5.85	14.83	11.90	14.91	0.000332	1.57	592.68	710.47	0.22
Yarkon	upper	17799.67	P10	286.00	5.85	14.35	11.09	14.42	0.000281	1.36	422.05	271.59	0.20
Yarkon	upper	17722.61	P1	650.00	6.11	15.54	14.10	15.63	0.000452	1.82	855.54	770.54	0.25
Yarkon	upper	17722.61	P2	533.00	6.11	15.26	12.95	15.35	0.000457	1.76	720.00	725.29	0.25
Yarkon	upper	17722.61	P5	390.00	6.11	14.76	12.02	14.88	0.000548	1.80	486.74	708.64	0.27
Yarkon	upper	17722.61	P10	286.00	6.11	14.30	11.30	14.39	0.000478	1.56	343.63	273.54	0.25
Yarkon	upper	17686.79	P1	650.00	6.93	15.53	14.15	15.62	0.000548	1.80	841.29	806.59	0.28
Yarkon	upper	17686.79	P2	533.00	6.93	15.24	14.01	15.34	0.000596	1.79	691.51	798.10	0.28
Yarkon	upper	17686.79	P5	390.00	6.93	14.77	12.71	14.85	0.000522	1.55	494.49	534.07	0.26
Yarkon	upper	17686.79	P10	286.00	6.93	14.28	11.79	14.38	0.000656	1.57	339.63	406.20	0.28
Yarkon	upper	17431.67	P1	650.00	7.01	15.47	12.81	15.55	0.000300	1.47	936.02	841.75	0.21
Yarkon	upper	17431.67	P2	533.00	7.01	15.18	12.40	15.25	0.000300	1.41	780.67	836.02	0.21
Yarkon	upper	17431.67	P5	390.00	7.01	14.68	11.75	14.77	0.000336	1.38	516.06	575.25	0.22
Yarkon	upper	17431.67	P10	286.00	7.01	14.18	10.91	14.27	0.000371	1.33	286.22	441.98	0.22
Yarkon	upper	17369.54	P1	650.00	6.51	15.40	13.32	15.52	0.000573	1.80	758.25	879.43	0.28
Yarkon	upper	17369.54	P2	533.00	6.51	15.08	12.45	15.22	0.000652	1.83	577.14	872.82	0.30
Yarkon	upper	17369.54	P5	390.00	6.51	14.53	11.71	14.71	0.000886	1.92	262.22	854.01	0.34
Yarkon	upper	17369.54	P10	286.00	6.51	14.08	11.09	14.22	0.000831	1.68	176.58	100.49	0.32
Yarkon	upper	17337.69	P1	650.00	6.43	15.22	13.74	15.46	0.001169	2.40	454.52	579.31	0.40
Yarkon	upper	17337.69	P2	533.00	6.43	14.91	13.06	15.17	0.001245	2.34	334.66	576.24	0.40
Yarkon	upper	17337.69	P5	390.00	6.43	14.46	12.04	14.68	0.001207	2.10	204.99	545.11	0.39
Yarkon	upper	17337.69	P10	286.00	6.43	14.02	11.38	14.19	0.001134	1.84	164.14	81.19	0.37
Yarkon	upper	17292.59	P1	650.00	6.58	15.12	13.18	15.41	0.001004	2.74	488.66	605.37	0.38
Yarkon	upper	17292.59	P2	533.00	6.58	14.81	12.66	15.11	0.001014	2.65	371.91	604.56	0.38
Yarkon	upper	17292.59	P5	390.00	6.58	14.38	11.93	14.63	0.000871	2.31	249.44	521.21	0.34
Yarkon	upper	17292.59	P10	286.00	6.58	13.94	11.34	14.14	0.000756	2.02	181.22	146.34	0.31
Yarkon	upper	16959.66	P1	650.00	6.68	15.11	13.45	15.18	0.000431	1.62	844.95	608.89	0.25
Yarkon	upper	16959.66	P2	533.00	6.68	14.78	13.06	14.86	0.000461	1.59	696.04	600.60	0.25
Yarkon	upper	16959.66	P5	390.00	6.68	14.29	12.45	14.38	0.000547	1.59	479.62	406.49	0.27
Yarkon	upper	16959.66	P10	286.00	6.68	13.73	11.92	13.87	0.000799	1.73	268.27	381.05	0.32
Yarkon	upper	16761.33	P1	650.00	6.24	15.02	12.73	15.12	0.000442	1.80	845.43	748.11	0.25
Yarkon	upper	16761.33	P2	533.00	6.24	14.68	12.27	14.79	0.000486	1.80	648.36	744.27	0.26
Yarkon	upper	16761.33	P5	390.00	6.24	14.13	11.43	14.28	0.000606	1.85	396.98	457.16	0.29
Yarkon	upper	16761.33	P10	286.00	6.24	13.54	10.77	13.72	0.000745	1.86	158.15	61.95	0.31
Yarkon	upper	16575.04	P1	650.00	6.54	14.91	12.50	15.05	0.000507	2.00	725.09	700.16	0.28
Yarkon	upper	16575.04	P2	533.00	6.54	14.54	12.20	14.70	0.000566	2.02	526.07	695.18	0.29
Yarkon	upper	16575.04	P5	390.00	6.54	14.05	11.27	14.18	0.000479	1.75	371.73	352.12	0.26
Yarkon	upper	16575.04	P10	286.00	6.54	13.49	10.56	13.59	0.000424	1.54	268.42	137.65	0.24
Yarkon	upper	16475.1	P1	650.00	6.32	14.91	12.02	14.99	0.000310	1.65	947.68	665.34	0.22
Yarkon	upper	16475.1	P2	533.00	6.32	14.54	11.57	14.64	0.000340	1.65	749.64	654.73	0.23
Yarkon	upper	16475.1	P5	390.00	6.32	14.03	10.84	14.13	0.000359	1.58	493.21	594.98	0.23
Yarkon	upper	16475.1	P10	286.00	6.32	13.44	10.25	13.55	0.000401	1.53	278.32	313.19	0.24
Yarkon	upper	16361.69	P1	650.00	6.13	14.79	12.24	14.94	0.000663	2.00	650.74	617.69	0.31
Yarkon	upper	16361.69	P2	533.00	6.13	14.37	11.77	14.57	0.000847	2.12	446.68	609.04	0.34
Yarkon	upper	16361.69	P5	390.00	6.13	13.83	11.00	14.05	0.001002	2.08	190.46	549.32	0.36
Yarkon	upper	16361.69	P10	286.00	6.13	13.31	10.36	13.48	0.000791	1.79	159.35	49.48	0.32
Yarkon	upper	16308.43	P1	650.00	6.18	14.80	12.59	14.89	0.000508	1.64	806.92	632.88	0.27
Yarkon	upper	16308.43	P2	533.00	6.18	14.38	12.18	14.50	0.000644	1.77	592.92	629.43	0.30

## HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	upper	16308.43	P5	390.00	6.18	13.80	11.52	13.98	0.000878	1.95	297.97	570.49	0.34
Yarkon	upper	16308.43	P10	286.00	6.18	13.27	10.86	13.43	0.000830	1.78	161.52	63.25	0.32
Yarkon	upper	16210.12	P1	650.00	6.29	14.79	12.62	14.86	0.000329	1.52	1014.57	698.91	0.22
Yarkon	upper	16210.12	P2	533.00	6.29	14.36	12.14	14.45	0.000416	1.64	765.83	697.54	0.25
Yarkon	upper	16210.12	P5	390.00	6.29	13.75	11.23	13.91	0.000619	1.88	408.86	637.89	0.30
Yarkon	upper	16210.12	P10	286.00	6.29	13.25	10.65	13.36	0.000476	1.55	272.68	424.84	0.25
Yarkon	upper	16051.3	P1	650.00	6.21	14.78	12.81	14.82	0.000198	1.35	1375.99	823.11	0.17
Yarkon	upper	16051.3	P2	533.00	6.21	14.36	12.56	14.41	0.000252	1.46	1075.67	822.12	0.19
Yarkon	upper	16051.3	P5	390.00	6.21	13.72	11.02	13.82	0.000422	1.75	631.23	732.24	0.24
Yarkon	upper	16051.3	P10	286.00	6.21	13.21	10.35	13.29	0.000358	1.50	401.49	545.18	0.22
Yarkon	upper	15910.18	P1	650.00	5.38	14.68	12.02	14.79	0.000380	1.76	851.22	719.07	0.24
Yarkon	upper	15910.18	P2	533.00	5.38	14.26	11.36	14.37	0.000393	1.69	605.18	717.27	0.24
Yarkon	upper	15910.18	P5	390.00	5.38	13.67	10.57	13.78	0.000397	1.56	405.66	480.35	0.24
Yarkon	upper	15910.18	P10	286.00	5.38	13.16	9.94	13.25	0.000368	1.40	294.23	182.43	0.23
Yarkon	upper	15867.49	P1	650.00	5.56	14.70	12.58	14.75	0.000277	1.50	1134.16	713.18	0.20
Yarkon	upper	15867.49	P2	533.00	5.56	14.26	12.28	14.34	0.000355	1.61	876.58	711.94	0.22
Yarkon	upper	15867.49	P5	390.00	5.56	13.65	11.07	13.76	0.000474	1.72	538.10	462.66	0.25
Yarkon	upper	15867.49	P10	286.00	5.56	13.10	10.19	13.22	0.000560	1.74	310.15	286.22	0.27
Yarkon	upper	15812.29	P1	650.00	5.79	14.67	12.39	14.74	0.000309	1.78	1112.43	751.75	0.22
Yarkon	upper	15812.29	P2	533.00	5.79	14.21	12.18	14.31	0.000416	1.97	827.31	733.32	0.25
Yarkon	upper	15812.29	P5	390.00	5.79	13.64	11.20	13.74	0.000374	1.76	517.17	467.42	0.23
Yarkon	upper	15812.29	P10	286.00	5.79	13.09	10.47	13.19	0.000404	1.71	366.98	250.93	0.24
Yarkon	upper	15713.74	P1	650.00	7.13	14.68	11.49	14.71	0.000123	0.99	1392.16	815.66	0.14
Yarkon	upper	15713.74	P2	533.00	7.13	14.23	11.29	14.27	0.000142	1.01	1115.53	807.47	0.15
Yarkon	upper	15713.74	P5	390.00	7.13	13.66	10.89	13.69	0.000163	0.99	765.89	610.39	0.15
Yarkon	upper	15713.74	P10	286.00	7.13	13.12	10.56	13.14	0.000139	0.83	557.51	339.52	0.14
Yarkon	upper	15342.66	P1	650.00	6.30	14.62	11.41	14.67	0.000176	1.16	1098.29	859.12	0.17
Yarkon	upper	15342.66	P2	533.00	6.30	14.16	10.93	14.22	0.000206	1.18	856.67	797.59	0.18
Yarkon	upper	15342.66	P5	390.00	6.30	13.58	10.39	13.63	0.000225	1.12	554.44	369.75	0.18
Yarkon	upper	15342.66	P10	286.00	6.30	13.02	9.93	13.08	0.000249	1.07	359.90	324.13	0.18
Yarkon	upper	15288.39	P1	650.00	5.93	14.45	12.60	14.62	0.000631	2.30	620.36	481.08	0.30
Yarkon	upper	15288.39	P2	533.00	5.93	13.92	11.68	14.16	0.000817	2.46	441.30	422.73	0.34
Yarkon	upper	15288.39	P5	390.00	5.93	13.34	10.98	13.57	0.000842	2.31	255.54	286.96	0.34
Yarkon	upper	15288.39	P10	286.00	5.93	12.83	10.40	13.03	0.000758	2.03	186.45	175.20	0.31
Yarkon	upper	14917.17	P1	650.00	5.66	14.48	12.06	14.51	0.000155	1.30	1295.63	621.04	0.16
Yarkon	upper	14917.17	P2	533.00	5.66	13.96	11.14	14.00	0.000184	1.35	1051.47	572.39	0.17
Yarkon	upper	14917.17	P5	390.00	5.66	13.34	10.68	13.40	0.000222	1.39	758.42	500.16	0.18
Yarkon	upper	14917.17	P10	286.00	5.66	12.81	9.92	12.86	0.000215	1.28	527.26	409.33	0.18
Yarkon	upper	14791.76	P1	650.00	6.34	14.48	11.83	14.50	0.000141	1.09	1434.91	667.15	0.14
Yarkon	upper	14791.76	P2	533.00	6.34	13.97	11.83	13.99	0.000171	1.13	1178.53	637.66	0.15
Yarkon	upper	14791.76	P5	390.00	6.34	13.35	11.22	13.37	0.000184	1.09	849.32	389.30	0.16
Yarkon	upper	14791.76	P10	286.00	6.34	12.81	11.10	12.84	0.000212	1.10	648.26	379.01	0.16
Yarkon	upper	14709.24	P1	650.00	6.26	14.47	11.95	14.49	0.000130	1.10	1481.85	613.27	0.14
Yarkon	upper	14709.24	P2	533.00	6.26	13.96	11.54	13.98	0.000158	1.14	1219.36	612.03	0.15
Yarkon	upper	14709.24	P5	390.00	6.26	13.34	10.99	13.37	0.000201	1.19	903.73	549.56	0.17
Yarkon	upper	14709.24	P10	286.00	6.26	12.81	10.90	12.83	0.000171	1.02	691.40	365.81	0.15
Yarkon	upper	14448.31	P1	650.00	6.20	14.45	12.32	14.48	0.000170	1.25	1346.57	714.95	0.16
Yarkon	upper	14448.31	P2	533.00	6.20	13.93	12.16	13.96	0.000218	1.34	1074.56	697.05	0.18
Yarkon	upper	14448.31	P5	390.00	6.20	13.29	11.86	13.34	0.000259	1.36	753.12	423.87	0.19
Yarkon	upper	14448.31	P10	286.00	6.20	12.75	10.53	12.80	0.000297	1.35	538.95	365.34	0.20
Yarkon	upper	14337.03	P1	650.00	6.51	14.43	11.97	14.47	0.000230	1.44	1159.40	645.35	0.18
Yarkon	upper	14337.03	P2	533.00	6.51	13.89	11.65	13.94	0.000306	1.56	902.98	631.53	0.21
Yarkon	upper	14337.03	P5	390.00	6.51	13.25	11.30	13.31	0.000379	1.61	600.76	396.54	0.23
Yarkon	upper	14337.03	P10	286.00	6.51	12.67	10.97	12.76	0.000496	1.70	407.30	316.96	0.25
Yarkon	upper	14304.75	P1	650.00	6.48	14.36	11.70	14.45	0.000291	1.64	712.19	592.63	0.22
Yarkon	upper	14304.75	P2	533.00	6.48	13.84	11.43	13.93	0.000308	1.58	600.53	556.13	0.22
Yarkon	upper	14304.75	P5	390.00	6.48	13.22	10.77	13.30	0.000304	1.45	468.79	360.37	0.21
Yarkon	upper	14304.75	P10	286.00	6.48	12.67	10.17	12.74	0.000290	1.30	361.48	182.56	0.20
Yarkon	upper	14264.64	P1	650.00	6.35	14.25	11.73	14.42	0.000468	2.16	471.54	784.35	0.28
Yarkon	upper	14264.64	P2	533.00	6.35	13.75	11.38	13.90	0.000452	2.00	415.07	659.96	0.27
Yarkon	upper	14264.64	P5	390.00	6.35	13.16	10.65	13.28	0.000390	1.73	348.68	184.18	0.24
Yarkon	upper	14264.64	P10	286.00	6.35	12.63	9.94	12.72	0.000343	1.51	288.58	156.50	0.22
Yarkon	upper	14224.54		Bridge									
Yarkon	upper	14179.48	P1	650.00	5.71	13.87	11.93	14.12	0.000829	2.54	447.96	439.82	0.35
Yarkon	upper	14179.48	P2	533.00	5.71	13.44	11.58	13.68	0.000839	2.42	317.87	259.05	0.35
Yarkon	upper	14179.48	P5	390.00	5.71	12.96	10.91	13.14	0.000678	2.03	267.14	147.22	0.31
Yarkon	upper	14179.48	P10	286.00	5.71	12.49	10.33	12.63	0.000584	1.74	220.66	122.43	0.28
Yarkon	upper	14143.83	P1	650.00	5.59	13.92	11.49	14.05	0.000495	1.71	507.33	447.17	0.27
Yarkon	upper	14143.83	P2	533.00	5.59	13.49	11.18	13.61	0.000517	1.62	429.51	379.76	0.27



## HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Yarkon	upper	14143.83	P5	390.00	5.59	12.99	10.72	13.09	0.000485	1.44	335.30	257.13	0.25
Yarkon	upper	14143.83	P10	286.00	5.59	12.51	9.88	12.59	0.000433	1.27	264.92	128.26	0.24
Yarkon	upper	14108.65	P1	650.00	5.36	13.93	11.23	14.03	0.000342	1.61	699.10	433.67	0.23
Yarkon	upper	14108.65	P2	533.00	5.36	13.49	10.83	13.59	0.000368	1.58	569.88	354.90	0.23
Yarkon	upper	14108.65	P5	390.00	5.36	12.98	10.30	13.07	0.000361	1.44	420.02	321.91	0.23
Yarkon	upper	14108.65	P10	286.00	5.36	12.50	9.74	12.57	0.000318	1.25	304.80	248.37	0.21
Yarkon	upper	14039.14	P1	650.00	5.05	13.88	11.66	14.00	0.000426	1.81	669.86	285.10	0.25
Yarkon	upper	14039.14	P2	533.00	5.05	13.44	11.14	13.56	0.000458	1.77	545.83	274.81	0.26
Yarkon	upper	14039.14	P5	390.00	5.05	12.95	10.54	13.04	0.000403	1.54	425.50	252.73	0.24
Yarkon	upper	14039.14	P10	286.00	5.05	12.46	9.92	12.54	0.000404	1.42	313.36	222.34	0.23
Yarkon	upper	13935.13	P1	650.00	5.11	13.74	11.34	13.93	0.000618	2.10	509.97	293.32	0.30
Yarkon	upper	13935.13	P2	533.00	5.11	13.34	10.91	13.50	0.000561	1.89	423.78	208.26	0.29
Yarkon	upper	13935.13	P5	390.00	5.11	12.87	10.28	12.99	0.000497	1.65	327.08	196.87	0.26
Yarkon	upper	13935.13	P10	286.00	5.11	12.40	9.74	12.50	0.000443	1.43	245.84	150.44	0.24
Yarkon	upper	13830.68	P1	650.00	5.01	13.71	11.12	13.85	0.000535	1.86	542.74	368.51	0.28
Yarkon	upper	13830.68	P2	533.00	5.01	13.29	10.66	13.43	0.000552	1.78	419.11	207.07	0.28
Yarkon	upper	13830.68	P5	390.00	5.01	12.83	9.85	12.93	0.000462	1.50	333.51	159.01	0.25
Yarkon	upper	13830.68	P10	286.00	5.01	12.37	9.27	12.45	0.000407	1.30	269.65	127.91	0.23
Yarkon	upper	13764.62	P1	650.00	5.09	13.68	11.33	13.81	0.000462	1.80	629.54	409.67	0.26
Yarkon	upper	13764.62	P2	533.00	5.09	13.26	11.05	13.40	0.000494	1.75	477.84	356.42	0.27
Yarkon	upper	13764.62	P5	390.00	5.09	12.80	10.55	12.90	0.000418	1.49	359.64	274.21	0.24
Yarkon	upper	13764.62	P10	286.00	5.09	12.34	9.88	12.42	0.000361	1.27	280.03	160.36	0.22
Yarkon	upper	13680.95	P1	650.00	5.56	13.66	11.11	13.77	0.000444	1.56	575.83	446.37	0.25
Yarkon	upper	13680.95	P2	533.00	5.56	13.24	10.64	13.35	0.000488	1.52	454.01	276.66	0.26
Yarkon	upper	13680.95	P5	390.00	5.56	12.78	10.09	12.86	0.000413	1.31	348.48	231.54	0.23
Yarkon	upper	13680.95	P10	286.00	5.56	12.32	9.64	12.39	0.000359	1.14	278.71	140.13	0.22
Yarkon	upper	13497.05	P1	650.00	4.93	13.45	11.22	13.65	0.000732	2.13	463.78	286.06	0.33
Yarkon	upper	13497.05	P2	533.00	4.93	13.05	10.74	13.23	0.000722	1.98	369.55	211.98	0.32
Yarkon	upper	13497.05	P5	390.00	4.93	12.62	10.06	12.76	0.000611	1.69	290.84	168.02	0.29
Yarkon	upper	13497.05	P10	286.00	4.93	12.19	9.35	12.30	0.000543	1.46	225.57	132.89	0.27
Yarkon	upper	13425.78	P1	650.00	5.13	13.41	10.65	13.60	0.000621	2.08	498.43	311.63	0.30
Yarkon	upper	13425.78	P2	533.00	5.13	12.99	10.19	13.18	0.000654	2.01	390.88	268.88	0.31
Yarkon	upper	13425.78	P5	390.00	5.13	12.58	9.49	12.72	0.000543	1.72	292.72	183.02	0.28
Yarkon	upper	13425.78	P10	286.00	5.13	12.16	8.90	12.26	0.000420	1.45	230.15	125.22	0.24
Yarkon	upper	13199.22	P1	650.00	5.62	13.35	11.22	13.47	0.000474	1.83	611.62	253.41	0.27
Yarkon	upper	13199.22	P2	533.00	5.62	12.93	10.95	13.04	0.000457	1.69	519.87	231.60	0.26
Yarkon	upper	13199.22	P5	390.00	5.62	12.52	10.53	12.60	0.000380	1.45	436.63	205.29	0.23
Yarkon	upper	13199.22	P10	286.00	5.62	12.10	9.82	12.17	0.000341	1.27	355.18	192.01	0.22
Yarkon	upper	13193.2		Inl Struct									
Yarkon	upper	13183.51	P1	650.00	5.87	13.30	11.32	13.44	0.000606	1.95	554.56	254.21	0.30
Yarkon	upper	13183.51	P2	533.00	5.87	12.88	11.07	13.01	0.000618	1.85	463.47	206.61	0.30
Yarkon	upper	13183.51	P5	390.00	5.87	12.48	10.57	12.58	0.000503	1.59	383.40	189.43	0.26
Yarkon	upper	13183.51	P10	286.00	5.87	12.08	9.84	12.15	0.000420	1.37	309.69	183.19	0.24
Yarkon	upper	13109.15	P1	650.00	5.73	13.31	10.86	13.39	0.000297	1.43	854.80	591.50	0.21
Yarkon	upper	13109.15	P2	533.00	5.73	12.88	10.53	12.96	0.000339	1.44	644.41	496.56	0.22
Yarkon	upper	13109.15	P5	390.00	5.73	12.47	9.92	12.54	0.000294	1.25	499.66	391.17	0.20
Yarkon	upper	13109.15	P10	286.00	5.73	12.07	9.42	12.12	0.000265	1.10	384.49	260.11	0.19
Yarkon	upper	13045.08	P1	650.00	4.49	13.32	9.44	13.36	0.000125	0.98	1058.76	665.33	0.14
Yarkon	upper	13045.08	P2	533.00	4.49	12.89	9.16	12.93	0.000130	0.95	819.02	618.52	0.14
Yarkon	upper	13045.08	P5	390.00	4.49	12.48	8.52	12.51	0.000105	0.80	622.45	525.60	0.12
Yarkon	upper	13045.08	P10	286.00	4.49	12.08	8.09	12.10	0.000086	0.68	487.46	315.07	0.11
Yarkon	upper	12923.51	P1	650.00	5.07	13.30	9.90	13.34	0.000171	1.10	1033.74	812.75	0.16
Yarkon	upper	12923.51	P2	533.00	5.07	12.86	9.60	12.91	0.000194	1.09	790.17	789.07	0.17
Yarkon	upper	12923.51	P5	390.00	5.07	12.45	9.14	12.49	0.000175	0.97	560.83	764.20	0.16
Yarkon	upper	12923.51	P10	286.00	5.07	12.05	8.74	12.08	0.000146	0.83	389.76	547.29	0.14
Yarkon	upper	12854.06	P1	650.00	4.05	13.24	10.79	13.32	0.000324	1.49	857.68	776.20	0.22
Yarkon	upper	12854.06	P2	533.00	4.05	12.79	10.33	12.89	0.000391	1.53	635.67	765.49	0.24
Yarkon	upper	12854.06	P5	390.00	4.05	12.39	9.53	12.47	0.000353	1.36	446.54	715.86	0.22
Yarkon	upper	12854.06	P10	286.00	4.05	12.00	8.90	12.06	0.000307	1.18	320.85	355.71	0.20
Yarkon	upper	12768.93	P1	650.00	4.16	13.22	10.32	13.30	0.000272	1.54	972.01	847.88	0.21
Yarkon	upper	12768.93	P2	533.00	4.16	12.76	9.77	12.86	0.000334	1.61	715.63	788.87	0.22
Yarkon	upper	12768.93	P5	390.00	4.16	12.35	9.01	12.44	0.000305	1.46	512.84	716.57	0.21
Yarkon	upper	12768.93	P10	286.00	4.16	11.98	8.49	12.04	0.000208	1.14	405.89	286.91	0.17
Yarkon	upper	12636.46	P1	650.00	5.08	13.21	10.32	13.26	0.000195	1.16	1154.93	928.20	0.17
Yarkon	upper	12636.46	P2	533.00	5.08	12.74	9.91	12.80	0.000255	1.24	831.00	844.18	0.19
Yarkon	upper	12636.46	P5	390.00	5.08	12.33	8.95	12.39	0.000253	1.15	553.49	824.39	0.19
Yarkon	upper	12636.46	P10	286.00	5.08	11.96	8.36	12.01	0.000210	0.98	369.06	523.44	0.17
Yarkon	upper	12501.08	P1	650.00	4.66	13.19	10.42	13.23	0.000229	1.47	1339.84	1205.91	0.19
Yarkon	upper	12501.08	P2	533.00	4.66	12.70	10.25	12.77	0.000337	1.69	985.83	1110.20	0.22



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	upper	9915.404	P1	660.00	4.32	12.28	8.64	12.43	0.000331	1.70	397.44	1634.19	0.23
Yarkon	upper	9915.404	P2	541.00	4.32	11.44	8.18	11.58	0.000388	1.65	334.87	1566.56	0.24
Yarkon	upper	9915.404	P5	396.00	4.32	10.80	7.68	10.90	0.000339	1.40	287.89	1363.67	0.22
Yarkon	upper	9915.404	P10	290.00	4.32	10.37	7.27	10.44	0.000267	1.15	255.46	792.51	0.19
Yarkon	upper	9870.034	P1	660.00	4.11	12.29	8.79	12.39	0.000276	1.53	581.23	1888.02	0.21
Yarkon	upper	9870.034	P2	541.00	4.11	11.44	8.43	11.55	0.000365	1.57	449.43	1654.04	0.23
Yarkon	upper	9870.034	P5	396.00	4.11	10.79	7.93	10.89	0.000358	1.41	350.96	1408.85	0.22
Yarkon	upper	9870.034	P10	290.00	4.11	10.35	7.50	10.42	0.000306	1.21	283.38	761.69	0.20
Yarkon	upper	9768.481	P1	660.00	4.11	12.27	9.71	12.35	0.000344	1.54	786.11	1303.06	0.23
Yarkon	upper	9768.481	P2	541.00	4.11	11.34	9.16	11.49	0.000741	1.96	486.57	1203.13	0.32
Yarkon	upper	9768.481	P5	396.00	4.11	10.53	8.45	10.79	0.001374	2.28	230.85	1125.55	0.42
Yarkon	upper	9768.481	P10	290.00	4.11	10.14	7.79	10.34	0.001223	2.00	144.97	528.18	0.39
Yarkon	upper	9744.612	P1	660.00	3.99	12.28	9.67	12.34	0.000259	1.34	894.33	1282.17	0.20
Yarkon	upper	9744.612	P2	541.00	3.99	11.35	9.20	11.45	0.000535	1.67	572.01	1206.21	0.27
Yarkon	upper	9744.612	P5	396.00	3.99	10.55	8.30	10.73	0.000975	1.94	297.84	1117.14	0.35
Yarkon	upper	9744.612	P10	290.00	3.99	10.13	7.67	10.30	0.001010	1.79	175.31	881.74	0.35
Yarkon	upper	9728.21		Bridge									
Yarkon	upper	9711.74	P1	660.00	3.80	12.27	9.24	12.32	0.000215	1.25	981.66	1457.42	0.18
Yarkon	upper	9711.74	P2	541.00	3.80	11.32	8.72	11.42	0.000444	1.57	600.50	1260.52	0.25
Yarkon	upper	9711.74	P5	396.00	3.80	10.53	8.08	10.66	0.000705	1.70	332.77	359.88	0.30
Yarkon	upper	9711.74	P10	290.00	3.80	10.07	7.61	10.20	0.000712	1.59	229.97	299.01	0.30
Yarkon	upper	9634.409	P1	660.00	3.81	12.27	9.53	12.30	0.000116	1.07	1491.57	1441.37	0.14
Yarkon	upper	9634.409	P2	541.00	3.81	11.33	8.76	11.38	0.000242	1.38	978.11	1277.55	0.19
Yarkon	upper	9634.409	P5	396.00	3.81	10.50	8.04	10.61	0.000482	1.74	526.71	1076.09	0.26
Yarkon	upper	9634.409	P10	290.00	3.81	10.00	7.43	10.14	0.000594	1.79	276.88	667.43	0.29
Yarkon	upper	9564.62	P1	660.00	4.06	12.27	9.40	12.29	0.000091	0.87	1664.57	1408.34	0.12
Yarkon	upper	9564.62	P2	541.00	4.06	11.32	9.02	11.36	0.000191	1.11	1112.40	1264.51	0.17
Yarkon	upper	9564.62	P5	396.00	4.06	10.49	8.46	10.56	0.000405	1.41	626.53	785.43	0.23
Yarkon	upper	9564.62	P10	290.00	4.06	9.97	7.70	10.09	0.000632	1.59	323.35	621.29	0.29
Yarkon	upper	9471.439	P1	660.00	3.90	12.26	9.32	12.28	0.000080	0.81	1772.36	1325.86	0.11
Yarkon	upper	9471.439	P2	541.00	3.90	11.31	8.92	11.34	0.000169	1.03	1184.51	878.89	0.16
Yarkon	upper	9471.439	P5	396.00	3.90	10.46	8.20	10.53	0.000371	1.32	660.93	752.94	0.22
Yarkon	upper	9471.439	P10	290.00	3.90	9.92	7.63	10.03	0.000616	1.52	326.35	646.15	0.28
Yarkon	upper	9387.973	P1	660.00	3.99	12.26	10.00	12.27	0.000079	0.82	1799.27	1359.47	0.11
Yarkon	upper	9387.973	P2	541.00	3.99	11.30	8.99	11.33	0.000166	1.05	1213.23	802.48	0.16
Yarkon	upper	9387.973	P5	396.00	3.99	10.44	8.32	10.50	0.000373	1.36	684.41	670.05	0.23
Yarkon	upper	9387.973	P10	290.00	3.99	9.86	7.65	9.98	0.000669	1.63	343.97	558.64	0.29
Yarkon	upper	9259.285	P1	660.00	3.82	12.25	9.90	12.26	0.000091	1.00	1676.48	590.05	0.12
Yarkon	upper	9259.285	P2	541.00	3.82	11.27	8.72	11.31	0.000186	1.29	1123.55	584.23	0.17
Yarkon	upper	9259.285	P5	396.00	3.82	10.35	7.97	10.45	0.000418	1.72	608.06	561.91	0.25
Yarkon	upper	9259.285	P10	290.00	3.82	9.74	7.35	9.89	0.000606	1.90	288.56	473.22	0.29
Yarkon	upper	9113.399	P1	660.00	3.74	12.23	8.70	12.25	0.000103	1.14	1536.87	579.92	0.13
Yarkon	upper	9113.399	P2	541.00	3.74	11.24	8.34	11.29	0.000199	1.44	1034.21	507.39	0.18
Yarkon	upper	9113.399	P5	396.00	3.74	10.27	7.75	10.39	0.000420	1.88	556.17	493.99	0.25
Yarkon	upper	9113.399	P10	290.00	3.74	9.67	7.11	9.81	0.000485	1.87	295.72	470.10	0.27
Yarkon	upper	9019.94	P1	660.00	3.68	12.21	9.22	12.24	0.000141	1.27	1328.41	478.58	0.15
Yarkon	upper	9019.94	P2	541.00	3.68	11.21	8.62	11.27	0.000248	1.53	899.58	443.23	0.20
Yarkon	upper	9019.94	P5	396.00	3.68	10.23	7.97	10.35	0.000501	1.93	497.22	410.27	0.27
Yarkon	upper	9019.94	P10	290.00	3.68	9.57	7.37	9.76	0.000721	2.12	226.90	402.52	0.32
Yarkon	upper	8942.107	P1	660.00	3.59	12.20	8.57	12.23	0.000115	1.08	1299.62	639.46	0.14
Yarkon	upper	8942.107	P2	541.00	3.59	11.19	8.19	11.25	0.000217	1.32	835.98	398.08	0.18
Yarkon	upper	8942.107	P5	396.00	3.59	10.21	7.66	10.31	0.000398	1.56	472.85	382.79	0.24
Yarkon	upper	8942.107	P10	290.00	3.59	9.57	7.01	9.68	0.000495	1.56	248.38	378.85	0.26
Yarkon	upper	8818.729	P1	660.00	3.71	12.19	9.56	12.22	0.000121	1.22	1266.80	399.03	0.14
Yarkon	upper	8818.729	P2	541.00	3.71	11.18	8.63	11.23	0.000202	1.44	907.65	379.09	0.18
Yarkon	upper	8818.729	P5	396.00	3.71	10.18	7.82	10.27	0.000348	1.69	567.26	359.53	0.23
Yarkon	upper	8818.729	P10	290.00	3.71	9.49	7.04	9.62	0.000494	1.84	339.84	350.97	0.27
Yarkon	upper	8706.515	P1	660.00	3.51	12.16	8.65	12.20	0.000156	1.31	1068.62	724.77	0.16
Yarkon	upper	8706.515	P2	541.00	3.51	11.11	8.22	11.19	0.000284	1.58	713.16	661.36	0.21
Yarkon	upper	8706.515	P5	396.00	3.51	10.08	7.55	10.21	0.000494	1.83	400.77	447.12	0.27
Yarkon	upper	8706.515	P10	290.00	3.51	9.38	6.98	9.55	0.000665	1.91	224.08	396.02	0.30
Yarkon	upper	8628.791	P1	660.00	3.71	12.14	8.88	12.19	0.000161	1.25	989.28	739.77	0.16
Yarkon	upper	8628.791	P2	541.00	3.71	11.10	8.19	11.17	0.000281	1.46	660.44	668.45	0.21
Yarkon	upper	8628.791	P5	396.00	3.71	10.06	7.59	10.16	0.000463	1.63	409.76	446.32	0.25
Yarkon	upper	8628.791	P10	290.00	3.71	9.35	6.95	9.49	0.000616	1.70	250.58	348.56	0.29
Yarkon	upper	8568.79	P1	660.00	3.68	12.12	8.94	12.18	0.000197	1.46	897.16	699.42	0.18
Yarkon	upper	8568.79	P2	541.00	3.68	11.06	8.49	11.15	0.000330	1.69	602.33	661.38	0.22
Yarkon	upper	8568.79	P5	396.00	3.68	10.01	7.67	10.13	0.000491	1.81	389.36	418.99	0.27
Yarkon	upper	8568.79	P10	290.00	3.68	9.31	7.09	9.45	0.000614	1.83	265.62	255.47	0.29

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	upper	8482.182	P1	660.00	3.64	12.10	8.88	12.16	0.000158	1.36	908.14	458.69	0.16
Yarkon	upper	8482.182	P2	541.00	3.64	11.04	8.11	11.11	0.000242	1.52	674.62	417.50	0.20
Yarkon	upper	8482.182	P5	396.00	3.64	9.99	7.41	10.09	0.000358	1.62	446.88	214.47	0.23
Yarkon	upper	8482.182	P10	290.00	3.64	9.28	6.89	9.39	0.000427	1.60	300.79	186.18	0.25
Yarkon	upper	8410.917	P1	660.00	3.55	12.07	8.77	12.14	0.000217	1.55	798.08	397.73	0.19
Yarkon	upper	8410.917	P2	541.00	3.55	10.98	8.39	11.09	0.000353	1.77	573.06	386.24	0.23
Yarkon	upper	8410.917	P5	396.00	3.55	9.88	7.51	10.04	0.000594	1.99	344.84	278.66	0.29
Yarkon	upper	8410.917	P10	290.00	3.55	9.14	6.97	9.33	0.000765	2.02	194.67	195.79	0.32
Yarkon	upper	8341.852	P1	660.00	3.36	12.05	8.85	12.13	0.000225	1.58	769.41	685.87	0.19
Yarkon	upper	8341.852	P2	541.00	3.36	10.95	7.88	11.06	0.000362	1.79	545.56	636.03	0.23
Yarkon	upper	8341.852	P5	396.00	3.36	9.84	7.21	10.00	0.000568	1.96	317.23	257.76	0.28
Yarkon	upper	8341.852	P10	290.00	3.36	9.12	6.65	9.27	0.000624	1.86	223.26	121.61	0.29
Yarkon	upper	8274.315	P1	660.00	3.40	12.02	9.12	12.11	0.000268	1.69	708.13	542.27	0.21
Yarkon	upper	8274.315	P2	541.00	3.40	10.90	8.13	11.03	0.000438	1.93	477.02	399.63	0.26
Yarkon	upper	8274.315	P5	396.00	3.40	9.78	7.46	9.96	0.000678	2.07	304.55	275.06	0.31
Yarkon	upper	8274.315	P10	290.00	3.40	9.01	6.91	9.21	0.000858	2.10	197.23	182.15	0.34
Yarkon	upper	8177.478	P1	660.00	3.59	12.00	8.91	12.08	0.000248	1.65	714.20	267.96	0.20
Yarkon	upper	8177.478	P2	541.00	3.59	10.87	8.59	10.99	0.000396	1.85	504.70	236.51	0.25
Yarkon	upper	8177.478	P5	396.00	3.59	9.73	7.52	9.89	0.000611	1.99	323.95	160.98	0.29
Yarkon	upper	8177.478	P10	290.00	3.59	8.94	6.81	9.12	0.000801	2.02	216.31	132.87	0.33
Yarkon	upper	8093.923	P1	660.00	3.33	11.93	9.17	12.05	0.000307	1.92	659.26	454.07	0.23
Yarkon	upper	8093.923	P2	541.00	3.33	10.75	8.03	10.94	0.000527	2.24	446.75	328.39	0.29
Yarkon	upper	8093.923	P5	396.00	3.33	9.53	7.34	9.80	0.000867	2.48	255.99	150.39	0.35
Yarkon	upper	8093.923	P10	290.00	3.33	8.72	6.69	9.02	0.001080	2.46	141.79	139.40	0.38
Yarkon	upper	8027.181	P1	660.00	3.22	11.95	8.86	12.01	0.000199	1.53	869.96	385.95	0.18
Yarkon	upper	8027.181	P2	541.00	3.22	10.78	8.53	10.87	0.000332	1.75	601.08	358.33	0.23
Yarkon	upper	8027.181	P5	396.00	3.22	9.55	7.19	9.71	0.000618	2.06	340.73	248.61	0.30
Yarkon	upper	8027.181	P10	290.00	3.22	8.71	6.57	8.92	0.000871	2.16	202.00	141.14	0.34
Yarkon	upper	7942.911	P1	660.00	2.43	11.93	8.02	12.00	0.000198	1.54	908.21	417.73	0.18
Yarkon	upper	7942.911	P2	541.00	2.43	10.74	7.81	10.84	0.000342	1.80	552.71	249.96	0.23
Yarkon	upper	7942.911	P5	396.00	2.43	9.50	7.12	9.66	0.000581	2.03	343.21	222.04	0.29
Yarkon	upper	7942.911	P10	290.00	2.43	8.63	6.37	8.85	0.000856	2.18	202.56	180.36	0.34
Yarkon	upper	7858.428	P1	660.00	3.43	11.93	8.56	11.98	0.000156	1.33	971.65	714.24	0.16
Yarkon	upper	7858.428	P2	541.00	3.43	10.73	8.21	10.81	0.000274	1.56	665.44	713.73	0.21
Yarkon	upper	7858.428	P5	396.00	3.43	9.49	7.29	9.60	0.000483	1.76	397.32	161.67	0.26
Yarkon	upper	7858.428	P10	290.00	3.43	8.61	6.69	8.75	0.000733	1.92	259.30	151.41	0.31
Yarkon	upper	7792.434	P1	660.00	3.25	11.87	8.89	11.95	0.000265	1.74	730.45	963.34	0.21
Yarkon	upper	7792.434	P2	541.00	3.25	10.62	8.26	10.77	0.000502	2.10	499.02	397.30	0.28
Yarkon	upper	7792.434	P5	396.00	3.25	9.03	7.58	9.47	0.001687	3.11	204.79	293.22	0.48
Yarkon	upper	7792.434	P10	290.00	3.25	8.25	7.03	8.63	0.001893	2.87	120.48	112.03	0.50
Yarkon	upper	7709.926	P1	660.00	3.56	11.71	7.82	11.91	0.000420	1.97	365.96	1121.85	0.26
Yarkon	upper	7709.926	P2	541.00	3.56	10.48	7.44	10.70	0.000638	2.08	266.62	129.25	0.30
Yarkon	upper	7709.926	P5	396.00	3.56	9.05	6.91	9.29	0.000941	2.16	183.09	48.97	0.36
Yarkon	upper	7709.926	P10	290.00	3.56	8.24	6.45	8.45	0.001016	2.01	144.49	46.12	0.36
Yarkon	upper	7686.977		Bridge									
Yarkon	upper	7664.985	P1	660.00	3.13	9.70	7.98	10.24	0.001942	3.24	203.97	60.08	0.52
Yarkon	upper	7664.985	P2	541.00	3.13	9.16	7.51	9.63	0.001930	3.06	176.70	48.30	0.51
Yarkon	upper	7664.985	P5	396.00	3.13	8.44	6.89	8.83	0.001845	2.76	143.60	44.54	0.49
Yarkon	upper	7664.985	P10	290.00	3.13	7.85	6.37	8.16	0.001731	2.46	118.01	41.62	0.47
Yarkon	upper	7641.928	P1	660.00	2.73	9.74	7.55	10.16	0.001074	3.08	274.58	102.56	0.41
Yarkon	upper	7641.928	P2	541.00	2.73	9.19	7.14	9.56	0.001057	2.86	236.00	84.86	0.40
Yarkon	upper	7641.928	P5	396.00	2.73	8.47	6.38	8.76	0.000983	2.50	190.61	68.12	0.37
Yarkon	upper	7641.928	P10	290.00	2.73	7.87	5.84	8.10	0.000883	2.17	157.81	59.80	0.35
Yarkon	Lower	7156.453	P1	660.00	1.93	9.75	6.70	9.93	0.000570	1.89	351.81	91.84	0.29
Yarkon	Lower	7156.453	P2	541.00	1.93	9.19	6.32	9.35	0.000591	1.78	304.01	78.78	0.29
Yarkon	Lower	7156.453	P5	396.00	1.93	8.45	5.79	8.58	0.000553	1.60	248.13	72.10	0.27
Yarkon	Lower	7156.453	P10	290.00	1.93	7.83	5.32	7.93	0.000509	1.41	204.96	67.04	0.26
Yarkon	Lower	7089.431	P1	660.00	2.00	9.67	6.62	9.89	0.000530	2.22	395.92	113.25	0.29
Yarkon	Lower	7089.431	P2	541.00	2.00	9.11	6.17	9.31	0.000527	2.07	337.69	102.49	0.28
Yarkon	Lower	7089.431	P5	396.00	2.00	8.38	5.62	8.54	0.000499	1.83	265.03	95.07	0.27
Yarkon	Lower	7089.431	P10	290.00	2.00	7.77	5.15	7.90	0.000451	1.59	210.46	82.15	0.25
Yarkon	Lower	7027.49	P1	660.00	1.41	9.63	7.31	9.86	0.000606	2.42	498.47	210.72	0.31
Yarkon	Lower	7027.49	P2	541.00	1.41	9.09	6.68	9.27	0.000560	2.19	404.44	136.39	0.29
Yarkon	Lower	7027.49	P5	396.00	1.41	8.33	6.00	8.50	0.000592	2.04	302.53	131.89	0.29
Yarkon	Lower	7027.49	P10	290.00	1.41	7.70	5.14	7.86	0.000598	1.87	222.13	119.40	0.29
Yarkon	Lower	6985.4	P1	660.00	1.05	9.65	6.44	9.81	0.000413	2.08	598.02	233.96	0.26
Yarkon	Lower	6985.4	P2	541.00	1.05	9.08	5.80	9.24	0.000433	2.01	476.81	196.08	0.26
Yarkon	Lower	6985.4	P5	396.00	1.05	8.32	5.12	8.47	0.000451	1.88	336.80	177.44	0.26
Yarkon	Lower	6985.4	P10	290.00	1.05	7.69	4.55	7.83	0.000441	1.71	231.88	141.81	0.25

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Yarkon	Lower	6947.964	P1	660.00	0.98	9.66	6.06	9.79	0.000296	1.66	539.91	1119.95	0.22
Yarkon	Lower	6947.964	P2	541.00	0.98	9.10	5.73	9.21	0.000305	1.57	447.43	491.85	0.22
Yarkon	Lower	6947.964	P5	396.00	0.98	8.34	5.24	8.44	0.000302	1.41	330.18	233.48	0.21
Yarkon	Lower	6947.964	P10	290.00	0.98	7.71	4.74	7.79	0.000281	1.23	245.30	212.01	0.20
Yarkon	Lower	6933.774	P1	660.00	0.88	9.64	5.70	9.78	0.000281	1.68	418.53	600.23	0.22
Yarkon	Lower	6933.774	P2	541.00	0.88	9.09	5.42	9.21	0.000258	1.52	377.50	558.30	0.20
Yarkon	Lower	6933.774	P5	396.00	0.88	8.35	5.03	8.43	0.000224	1.29	322.01	508.32	0.19
Yarkon	Lower	6933.774	P10	290.00	0.88	7.72	4.70	7.78	0.000191	1.09	275.93	447.05	0.17
Yarkon	Lower	6922.309		Bridge									
Yarkon	Lower	6909.007	P1	660.00	0.68	9.31	6.14	9.56	0.000568	2.53	357.61	729.89	0.31
Yarkon	Lower	6909.007	P2	541.00	0.68	8.88	5.77	9.07	0.000484	2.24	330.65	729.13	0.28
Yarkon	Lower	6909.007	P5	396.00	0.68	8.24	5.26	8.38	0.000380	1.85	291.00	727.65	0.24
Yarkon	Lower	6909.007	P10	290.00	0.68	7.64	4.77	7.74	0.000306	1.55	254.03	219.95	0.21
Yarkon	Lower	6883.942	P1	660.00	0.70	9.35	6.52	9.51	0.000467	1.93	449.57	203.94	0.27
Yarkon	Lower	6883.942	P2	541.00	0.70	8.90	6.09	9.04	0.000446	1.78	393.90	183.01	0.26
Yarkon	Lower	6883.942	P5	396.00	0.70	8.24	5.03	8.36	0.000425	1.57	313.75	168.71	0.25
Yarkon	Lower	6883.942	P10	290.00	0.70	7.63	4.41	7.73	0.000421	1.41	240.50	151.65	0.24
Yarkon	Lower	6724.82	P1	660.00	-0.41	9.31	4.75	9.44	0.000302	1.66	583.11	878.92	0.22
Yarkon	Lower	6724.82	P2	541.00	-0.41	8.85	4.34	8.97	0.000299	1.57	449.85	872.38	0.21
Yarkon	Lower	6724.82	P5	396.00	-0.41	8.21	3.78	8.30	0.000253	1.33	327.81	842.06	0.19
Yarkon	Lower	6724.82	P10	290.00	-0.41	7.61	3.33	7.67	0.000213	1.13	264.72	691.10	0.17
Yarkon	Lower	6648.555	P1	660.00	1.33	8.81	7.27	9.32	0.002086	3.17	218.62	230.89	0.53
Yarkon	Lower	6648.555	P2	541.00	1.33	8.44	6.58	8.87	0.002019	2.91	187.50	70.97	0.51
Yarkon	Lower	6648.555	P5	396.00	1.33	7.87	5.72	8.21	0.001888	2.56	154.44	53.95	0.48
Yarkon	Lower	6648.555	P10	290.00	1.33	7.34	5.04	7.60	0.001512	2.27	127.85	45.14	0.43
Yarkon	Lower	6476.347	P1	660.00	0.16	8.58	5.82	9.02	0.001207	2.98	269.82	135.97	0.42
Yarkon	Lower	6476.347	P2	541.00	0.16	8.24	5.29	8.59	0.001045	2.65	231.91	96.34	0.39
Yarkon	Lower	6476.347	P5	396.00	0.16	7.71	4.56	7.96	0.000854	2.22	187.12	72.56	0.34
Yarkon	Lower	6476.347	P10	290.00	0.16	7.23	3.93	7.40	0.000616	1.83	158.83	42.84	0.29
Yarkon	Lower	6383.927	P1	660.00	0.53	8.53	6.24	8.89	0.001044	2.79	298.21	99.50	0.39
Yarkon	Lower	6383.927	P2	541.00	0.53	8.18	5.57	8.48	0.000919	2.50	266.75	90.52	0.37
Yarkon	Lower	6383.927	P5	396.00	0.53	7.66	4.86	7.87	0.000772	2.12	220.39	85.15	0.33
Yarkon	Lower	6383.927	P10	290.00	0.53	7.18	4.26	7.34	0.000648	1.79	181.13	80.32	0.30
Yarkon	Lower	6308.18	P1	660.00	0.57	8.44	5.76	8.81	0.001070	2.77	287.95	111.92	0.40
Yarkon	Lower	6308.18	P2	541.00	0.57	8.12	5.26	8.41	0.000916	2.45	255.47	93.01	0.36
Yarkon	Lower	6308.18	P5	396.00	0.57	7.60	4.58	7.81	0.000754	2.06	209.85	81.30	0.32
Yarkon	Lower	6308.18	P10	290.00	0.57	7.14	4.01	7.29	0.000611	1.71	177.68	65.39	0.29
Yarkon	Lower	6054.234	P1	660.00	0.75	8.37	6.07	8.50	0.000844	1.90	612.25	496.33	0.33
Yarkon	Lower	6054.234	P2	541.00	0.75	7.97	5.55	8.13	0.001075	2.00	467.91	489.07	0.37
Yarkon	Lower	6054.234	P5	396.00	0.75	7.35	4.73	7.59	0.001069	2.23	249.94	435.76	0.38
Yarkon	Lower	6054.234	P10	290.00	0.75	6.93	4.10	7.12	0.000703	1.93	171.68	197.89	0.31
Yarkon	Lower	5945.741	P1	660.00	0.66	8.21	6.15	8.41	0.000749	2.34	539.10	290.53	0.33
Yarkon	Lower	5945.741	P2	541.00	0.66	7.81	5.58	8.02	0.000814	2.31	425.10	280.01	0.34
Yarkon	Lower	5945.741	P5	396.00	0.66	7.25	4.83	7.48	0.000893	2.23	275.20	258.83	0.35
Yarkon	Lower	5945.741	P10	290.00	0.66	6.85	4.22	7.04	0.000765	1.94	178.40	179.20	0.32
Yarkon	Lower	5829.288	P1	660.00	2.11	8.15	7.09	8.30	0.000903	2.06	592.52	479.98	0.35
Yarkon	Lower	5829.288	P2	541.00	2.11	7.71	6.87	7.91	0.001218	2.19	419.32	336.84	0.40
Yarkon	Lower	5829.288	P5	396.00	2.11	7.14	5.97	7.35	0.001547	2.18	268.49	273.84	0.44
Yarkon	Lower	5829.288	P10	290.00	2.11	6.65	5.20	6.89	0.002086	2.21	157.41	223.43	0.49
Yarkon	Lower	5692.535	P1	660.00	1.42	8.12	6.43	8.22	0.000430	1.94	838.52	431.64	0.26
Yarkon	Lower	5692.535	P2	541.00	1.42	7.68	6.08	7.79	0.000487	1.96	656.93	373.46	0.27
Yarkon	Lower	5692.535	P5	396.00	1.42	7.07	5.19	7.21	0.000577	1.96	446.08	332.98	0.29
Yarkon	Lower	5692.535	P10	290.00	1.42	6.54	4.53	6.71	0.000714	2.01	270.86	314.03	0.32
Yarkon	Lower	5611.259	P1	660.00	1.35	8.11	6.80	8.19	0.000451	1.78	811.17	381.80	0.26
Yarkon	Lower	5611.259	P2	541.00	1.35	7.66	6.19	7.76	0.000536	1.83	647.26	372.54	0.28
Yarkon	Lower	5611.259	P5	396.00	1.35	7.04	5.69	7.17	0.000729	1.93	439.73	328.74	0.31
Yarkon	Lower	5611.259	P10	290.00	1.35	6.44	5.03	6.64	0.001133	2.18	249.19	301.30	0.38
Yarkon	Lower	5435.067	P1	660.00	0.25	8.02	5.42	8.13	0.000430	1.78	718.93	415.46	0.25
Yarkon	Lower	5435.067	P2	541.00	0.25	7.56	4.95	7.69	0.000500	1.80	537.89	399.55	0.27
Yarkon	Lower	5435.067	P5	396.00	0.25	6.94	4.30	7.08	0.000560	1.74	342.67	206.91	0.28
Yarkon	Lower	5435.067	P10	290.00	0.25	6.35	3.71	6.49	0.000608	1.66	224.23	187.62	0.29
Yarkon	Lower	5349.969	P1	660.00	-0.41	7.82	5.78	8.06	0.000874	2.37	444.03	1613.64	0.36
Yarkon	Lower	5349.969	P2	541.00	-0.41	7.37	5.33	7.61	0.000955	2.31	306.01	133.76	0.37
Yarkon	Lower	5349.969	P5	396.00	-0.41	6.79	4.64	7.00	0.000946	2.09	231.22	127.67	0.35
Yarkon	Lower	5349.969	P10	290.00	-0.41	6.23	3.82	6.42	0.000952	1.90	161.64	113.40	0.35
Yarkon	Lower	5268.166	P1	660.00	1.04	7.58	5.91	7.95	0.001574	2.87	303.71	391.93	0.47
Yarkon	Lower	5268.166	P2	541.00	1.04	7.16	5.48	7.50	0.001326	2.72	254.45	106.53	0.43
Yarkon	Lower	5268.166	P5	396.00	1.04	6.62	4.75	6.90	0.001221	2.41	197.61	103.40	0.41
Yarkon	Lower	5268.166	P10	290.00	1.04	6.08	4.20	6.32	0.001173	2.16	143.23	90.21	0.39

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Lower	5105.784	P1	660.00	0.21	7.38	5.14	7.71	0.001248	2.63	304.01	328.94	0.42
Yarkon	Lower	5105.784	P2	541.00	0.21	7.02	4.62	7.29	0.001063	2.36	264.65	197.73	0.39
Yarkon	Lower	5105.784	P5	396.00	0.21	6.51	3.98	6.71	0.000825	2.00	221.71	105.78	0.34
Yarkon	Lower	5105.784	P10	290.00	0.21	5.99	3.43	6.14	0.000668	1.74	182.27	79.94	0.30
Yarkon	Lower	4964.178	P1	660.00	0.57	7.29	5.36	7.52	0.000898	2.41	466.60	288.40	0.36
Yarkon	Lower	4964.178	P2	541.00	0.57	6.88	4.73	7.13	0.000977	2.38	365.16	266.12	0.37
Yarkon	Lower	4964.178	P5	396.00	0.57	6.32	4.09	6.57	0.001040	2.26	228.10	226.83	0.38
Yarkon	Lower	4964.178	P10	290.00	0.57	5.82	3.56	6.02	0.000944	1.99	149.75	82.03	0.35
Yarkon	Lower	4849.922	P1	660.00	0.51	7.00	5.53	7.37	0.001566	2.83	305.19	321.57	0.47
Yarkon	Lower	4849.922	P2	541.00	0.51	6.64	5.08	6.98	0.001561	2.67	254.17	304.93	0.46
Yarkon	Lower	4849.922	P5	396.00	0.51	6.12	4.39	6.41	0.001566	2.42	183.11	269.76	0.45
Yarkon	Lower	4849.922	P10	290.00	0.51	5.65	3.88	5.89	0.001397	2.13	136.06	211.52	0.42
Yarkon	Lower	4729.876	P1	660.00	-0.16	6.88	5.73	7.18	0.001265	2.69	365.55	375.24	0.42
Yarkon	Lower	4729.876	P2	541.00	-0.16	6.51	4.94	6.80	0.001259	2.55	306.93	357.76	0.42
Yarkon	Lower	4729.876	P5	396.00	-0.16	5.97	4.25	6.23	0.001279	2.36	224.26	312.58	0.41
Yarkon	Lower	4729.876	P10	290.00	-0.16	5.50	3.59	5.73	0.001269	2.15	155.10	291.88	0.40
Yarkon	Lower	4563.856	P1	660.00	-0.07	6.33	4.71	6.89	0.002099	3.37	274.22	345.57	0.54
Yarkon	Lower	4563.856	P2	541.00	-0.07	6.04	4.24	6.52	0.001898	3.07	198.26	328.68	0.51
Yarkon	Lower	4563.856	P5	396.00	-0.07	5.68	3.58	6.00	0.001448	2.52	159.45	270.41	0.44
Yarkon	Lower	4563.856	P10	290.00	-0.07	5.33	3.02	5.54	0.000910	2.05	141.73	230.57	0.35
Yarkon	Lower	4403.903	P1	660.00	-0.26	6.13	4.51	6.54	0.001589	3.08	385.74	384.95	0.48
Yarkon	Lower	4403.903	P2	541.00	-0.26	5.67	4.05	6.19	0.002047	3.24	218.82	350.59	0.53
Yarkon	Lower	4403.903	P5	396.00	-0.26	5.44	3.43	5.77	0.001381	2.57	160.95	347.88	0.43
Yarkon	Lower	4403.903	P10	290.00	-0.26	5.19	2.91	5.40	0.000899	2.03	145.35	338.38	0.35
Yarkon	Lower	4310.814	P1	660.00	1.41	6.07	5.08	6.34	0.001642	2.45	378.13	447.78	0.46
Yarkon	Lower	4310.814	P2	541.00	1.41	5.59	4.81	5.91	0.002329	2.58	246.69	403.07	0.53
Yarkon	Lower	4310.814	P5	396.00	1.41	5.35	4.41	5.58	0.001838	2.14	204.38	178.04	0.47
Yarkon	Lower	4310.814	P10	290.00	1.41	5.11	4.05	5.27	0.001504	1.79	169.52	134.60	0.41
Yarkon	Lower	4288.657		Inl Struct									
Yarkon	Lower	4264.909	P1	660.00	-1.70	6.06	1.81	6.13	0.000183	1.22	718.73	746.15	0.17
Yarkon	Lower	4264.909	P2	541.00	-1.70	5.54	1.52	5.61	0.000187	1.16	568.32	688.49	0.17
Yarkon	Lower	4264.909	P5	396.00	-1.70	4.76	1.14	4.81	0.000193	1.04	407.77	320.48	0.16
Yarkon	Lower	4264.909	P10	290.00	-1.70	4.02	0.83	4.07	0.000184	0.93	312.45	154.23	0.16
Yarkon	Lower	4171.305	P1	660.00	-1.21	6.01	2.24	6.11	0.000258	1.46	684.59	518.63	0.20
Yarkon	Lower	4171.305	P2	541.00	-1.21	5.48	1.92	5.58	0.000284	1.43	518.73	329.03	0.21
Yarkon	Lower	4171.305	P5	396.00	-1.21	4.70	1.49	4.79	0.000309	1.33	328.25	182.73	0.21
Yarkon	Lower	4171.305	P10	290.00	-1.21	3.97	1.13	4.04	0.000283	1.19	247.47	99.21	0.20
Yarkon	Lower	4020.234	P1	660.00	-2.25	5.85	2.28	6.04	0.000573	2.05	529.31	558.19	0.29
Yarkon	Lower	4020.234	P2	541.00	-2.25	5.28	1.81	5.49	0.000692	2.08	315.97	360.67	0.32
Yarkon	Lower	4020.234	P5	396.00	-2.25	4.52	1.19	4.70	0.000691	1.89	221.07	182.99	0.31
Yarkon	Lower	4020.234	P10	290.00	-2.25	3.82	0.66	3.97	0.000607	1.68	172.57	50.77	0.28
Yarkon	Lower	3881.307	P1	660.00	-2.77	5.80	2.34	5.96	0.000463	1.92	644.99	736.41	0.27
Yarkon	Lower	3881.307	P2	541.00	-2.77	5.19	1.87	5.40	0.000633	2.07	364.48	356.30	0.30
Yarkon	Lower	3881.307	P5	396.00	-2.77	4.42	1.23	4.60	0.000679	1.90	219.12	98.24	0.31
Yarkon	Lower	3881.307	P10	290.00	-2.77	3.73	0.70	3.88	0.000668	1.70	170.83	50.94	0.30
Yarkon	Lower	3809.954	P1	660.00	-2.57	5.77	2.55	5.92	0.000494	1.97	618.66	387.59	0.27
Yarkon	Lower	3809.954	P2	541.00	-2.57	5.15	2.09	5.35	0.000657	2.09	388.78	336.91	0.31
Yarkon	Lower	3809.954	P5	396.00	-2.57	4.35	1.46	4.55	0.000738	2.03	234.04	116.99	0.32
Yarkon	Lower	3809.954	P10	290.00	-2.57	3.65	0.93	3.82	0.000761	1.86	160.32	92.64	0.32
Yarkon	Lower	3705.638	P1	660.00	-2.28	5.70	2.39	5.87	0.000496	2.00	590.41	374.63	0.27
Yarkon	Lower	3705.638	P2	541.00	-2.28	5.09	1.93	5.28	0.000628	2.08	394.33	344.20	0.30
Yarkon	Lower	3705.638	P5	396.00	-2.28	4.26	1.31	4.47	0.000738	2.04	219.53	156.36	0.32
Yarkon	Lower	3705.638	P10	290.00	-2.28	3.57	0.79	3.74	0.000704	1.81	160.30	80.24	0.31
Yarkon	Lower	3591.82	P1	660.00	-2.09	5.59	2.40	5.80	0.000547	2.20	451.80	202.87	0.29
Yarkon	Lower	3591.82	P2	541.00	-2.09	5.00	1.96	5.21	0.000604	2.15	343.49	145.30	0.30
Yarkon	Lower	3591.82	P5	396.00	-2.09	4.19	1.37	4.39	0.000647	1.99	236.77	121.66	0.30
Yarkon	Lower	3591.82	P10	290.00	-2.09	3.50	0.87	3.66	0.000626	1.79	167.74	83.17	0.29
Yarkon	Lower	3509.73	P1	660.00	-1.92	5.46	2.80	5.73	0.000878	2.40	325.40	173.17	0.36
Yarkon	Lower	3509.73	P2	541.00	-1.92	4.88	2.32	5.14	0.000975	2.31	270.00	168.51	0.37
Yarkon	Lower	3509.73	P5	396.00	-1.92	4.07	1.68	4.31	0.001092	2.18	198.32	148.73	0.38
Yarkon	Lower	3509.73	P10	290.00	-1.92	3.38	1.15	3.59	0.001169	2.03	147.98	126.18	0.38
Yarkon	Lower	3443.79		Bridge									
Yarkon	Lower	3378.196	P1	660.00	-1.51	5.20	3.30	5.53	0.000982	2.87	359.77	189.27	0.39
Yarkon	Lower	3378.196	P2	541.00	-1.51	4.63	2.94	4.96	0.001087	2.80	284.04	183.03	0.40
Yarkon	Lower	3378.196	P5	396.00	-1.51	3.84	2.33	4.13	0.001145	2.57	208.64	115.01	0.40
Yarkon	Lower	3378.196	P10	290.00	-1.51	3.13	1.53	3.40	0.001291	2.42	152.72	75.63	0.41
Yarkon	Lower	3332.558	P1	660.00	-1.69	4.75	3.45	5.40	0.002028	3.91	269.11	167.60	0.55
Yarkon	Lower	3332.558	P2	541.00	-1.69	4.28	3.06	4.84	0.001973	3.62	216.19	89.24	0.54
Yarkon	Lower	3332.558	P5	396.00	-1.69	3.60	2.54	4.04	0.001842	3.15	166.02	66.29	0.50

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Lower	3332.558	P10	290.00	-1.69	2.90	1.98	3.30	0.002092	2.95	121.79	61.09	0.52
Yarkon	Lower	3254.325	P1	660.00	-2.34	4.95	1.75	5.15	0.000517	2.05	415.81	196.79	0.28
Yarkon	Lower	3254.325	P2	541.00	-2.34	4.44	1.40	4.62	0.000525	1.93	330.32	154.24	0.28
Yarkon	Lower	3254.325	P5	396.00	-2.34	3.70	0.93	3.85	0.000515	1.71	240.25	84.22	0.27
Yarkon	Lower	3254.325	P10	290.00	-2.34	3.00	0.54	3.12	0.000497	1.52	191.28	56.02	0.26
Yarkon	Lower	3202.513	P1	660.00	-2.39	4.92	1.46	5.12	0.000517	2.06	424.98	208.59	0.28
Yarkon	Lower	3202.513	P2	541.00	-2.39	4.41	1.07	4.59	0.000522	1.94	330.49	159.53	0.28
Yarkon	Lower	3202.513	P5	396.00	-2.39	3.68	0.54	3.82	0.000501	1.71	243.49	85.60	0.27
Yarkon	Lower	3202.513	P10	290.00	-2.39	2.98	0.09	3.09	0.000421	1.50	195.25	57.35	0.24
Yarkon	Lower	3134.483	P1	660.00	-2.19	4.82	1.66	5.07	0.000808	2.25	346.74	167.92	0.34
Yarkon	Lower	3134.483	P2	541.00	-2.19	4.30	1.28	4.54	0.000867	2.14	266.45	133.04	0.34
Yarkon	Lower	3134.483	P5	396.00	-2.19	3.59	0.78	3.78	0.000734	1.90	208.10	55.24	0.31
Yarkon	Lower	3134.483	P10	290.00	-2.19	2.92	0.36	3.06	0.000539	1.66	175.00	44.95	0.27
Yarkon	Lower	3053.183	P1	660.00	-2.24	4.76	1.77	5.01	0.000683	2.26	368.68	179.91	0.32
Yarkon	Lower	3053.183	P2	541.00	-2.24	4.24	1.37	4.47	0.000708	2.14	283.16	149.39	0.32
Yarkon	Lower	3053.183	P5	396.00	-2.24	3.54	0.83	3.72	0.000693	1.89	211.40	67.55	0.31
Yarkon	Lower	3053.183	P10	290.00	-2.24	2.87	0.38	3.01	0.000634	1.67	173.45	51.32	0.29
Yarkon	Lower	2957.962	P1	660.00	-1.85	4.70	1.97	4.94	0.000687	2.32	413.66	185.57	0.32
Yarkon	Lower	2957.962	P2	541.00	-1.85	4.16	1.60	4.40	0.000752	2.26	316.84	170.45	0.33
Yarkon	Lower	2957.962	P5	396.00	-1.85	3.43	1.11	3.64	0.000785	2.06	212.46	104.28	0.33
Yarkon	Lower	2957.962	P10	290.00	-1.85	2.77	0.70	2.94	0.000742	1.83	160.33	64.70	0.31
Yarkon	Lower	2854.473	P1	660.00	-2.15	4.60	1.73	4.87	0.000702	2.38	392.26	220.69	0.33
Yarkon	Lower	2854.473	P2	541.00	-2.15	4.08	1.33	4.32	0.000705	2.23	301.94	142.29	0.32
Yarkon	Lower	2854.473	P5	396.00	-2.15	3.35	0.79	3.56	0.000718	2.01	209.62	95.51	0.32
Yarkon	Lower	2854.473	P10	290.00	-2.15	2.70	0.34	2.86	0.000672	1.77	164.64	51.86	0.30
Yarkon	Lower	2760.244	P1	660.00	-2.13	4.51	1.68	4.79	0.000807	2.39	321.46	135.11	0.35
Yarkon	Lower	2760.244	P2	541.00	-2.13	4.00	1.30	4.25	0.000823	2.24	256.78	101.20	0.34
Yarkon	Lower	2760.244	P5	396.00	-2.13	3.29	0.78	3.48	0.000820	1.98	202.00	65.53	0.33
Yarkon	Lower	2760.244	P10	290.00	-2.13	2.64	0.36	2.79	0.000699	1.75	165.46	48.81	0.30
Yarkon	Lower	2670.377	P1	660.00	-2.07	4.44	1.68	4.72	0.000736	2.45	340.02	114.61	0.34
Yarkon	Lower	2670.377	P2	541.00	-2.07	3.93	1.30	4.18	0.000732	2.28	283.68	105.31	0.33
Yarkon	Lower	2670.377	P5	396.00	-2.07	3.21	0.79	3.41	0.000721	2.03	212.12	91.93	0.32
Yarkon	Lower	2670.377	P10	290.00	-2.07	2.57	0.37	2.73	0.000692	1.78	163.97	54.09	0.30
Yarkon	Lower	2611.542	P1	660.00	-2.20	4.38	1.77	4.67	0.000829	2.53	355.05	223.98	0.36
Yarkon	Lower	2611.542	P2	541.00	-2.20	3.84	1.35	4.13	0.000891	2.44	276.57	146.47	0.36
Yarkon	Lower	2611.542	P5	396.00	-2.20	3.12	0.80	3.36	0.000901	2.19	196.24	83.94	0.35
Yarkon	Lower	2611.542	P10	290.00	-2.20	2.49	0.34	2.68	0.000887	1.94	151.88	58.25	0.34
Yarkon	Lower	2567.39	P1	660.00	-2.44	4.32	1.64	4.63	0.000895	2.52	281.80	128.01	0.37
Yarkon	Lower	2567.39	P2	541.00	-2.44	3.81	1.22	4.08	0.000892	2.34	244.75	122.31	0.36
Yarkon	Lower	2567.39	P5	396.00	-2.44	3.09	0.66	3.31	0.000897	2.08	193.56	75.92	0.35
Yarkon	Lower	2567.39	P10	290.00	-2.44	2.46	0.20	2.63	0.000858	1.84	157.37	50.66	0.33
Yarkon	Lower	2534.771		Bridge									
Yarkon	Lower	2507.679	P1	660.00	-2.65	4.26	1.48	4.55	0.000822	2.41	309.14	118.62	0.35
Yarkon	Lower	2507.679	P2	541.00	-2.65	3.76	1.07	4.01	0.000819	2.24	256.63	100.61	0.35
Yarkon	Lower	2507.679	P5	396.00	-2.65	3.05	0.51	3.25	0.000818	1.98	203.71	68.93	0.33
Yarkon	Lower	2507.679	P10	290.00	-2.65	2.42	0.04	2.58	0.000849	1.77	163.89	57.06	0.33
Yarkon	Lower	2453.35	P1	660.00	-2.50	4.27	1.38	4.48	0.000626	2.06	363.06	252.15	0.31
Yarkon	Lower	2453.35	P2	541.00	-2.50	3.76	0.99	3.95	0.000640	1.93	305.51	194.21	0.30
Yarkon	Lower	2453.35	P5	396.00	-2.50	3.04	0.42	3.19	0.000676	1.75	234.01	117.93	0.30
Yarkon	Lower	2453.35	P10	290.00	-2.50	2.40	0.00	2.52	0.000597	1.56	185.70	58.71	0.28
Yarkon	Lower	2382.1	P1	660.00	-2.41	4.20	1.26	4.43	0.000636	2.20	394.85	226.91	0.31
Yarkon	Lower	2382.1	P2	541.00	-2.41	3.68	0.90	3.89	0.000672	2.11	311.31	172.90	0.31
Yarkon	Lower	2382.1	P5	396.00	-2.41	2.96	0.43	3.14	0.000655	1.89	219.83	96.39	0.30
Yarkon	Lower	2382.1	P10	290.00	-2.41	2.34	0.00	2.48	0.000562	1.63	177.41	48.85	0.27
Yarkon	Lower	2275.436	P1	660.00	-2.56	4.10	1.23	4.35	0.000693	2.37	414.46	240.48	0.33
Yarkon	Lower	2275.436	P2	541.00	-2.56	3.57	0.84	3.81	0.000716	2.25	297.22	115.87	0.33
Yarkon	Lower	2275.436	P5	396.00	-2.56	2.86	0.31	3.06	0.000710	2.02	219.81	102.19	0.32
Yarkon	Lower	2275.436	P10	290.00	-2.56	2.25	-0.13	2.41	0.000667	1.76	168.83	64.41	0.30
Yarkon	Lower	2172.199	P1	660.00	-2.41	3.97	1.28	4.27	0.000840	2.46	308.20	122.61	0.36
Yarkon	Lower	2172.199	P2	541.00	-2.41	3.47	0.92	3.73	0.000825	2.27	259.01	85.27	0.35
Yarkon	Lower	2172.199	P5	396.00	-2.41	2.78	0.41	2.99	0.000803	2.00	204.77	72.20	0.33
Yarkon	Lower	2172.199	P10	290.00	-2.41	2.18	-0.01	2.34	0.000748	1.76	164.91	55.51	0.31
Yarkon	Lower	2088.355	P1	660.00	-2.53	3.95	1.21	4.17	0.000699	2.13	375.11	295.55	0.32
Yarkon	Lower	2088.355	P2	541.00	-2.53	3.45	0.83	3.64	0.000704	1.98	302.01	247.72	0.32
Yarkon	Lower	2088.355	P5	396.00	-2.53	2.74	0.34	2.91	0.000752	1.79	226.17	86.76	0.32
Yarkon	Lower	2088.355	P10	290.00	-2.53	2.13	-0.07	2.27	0.000748	1.62	179.75	67.53	0.31
Yarkon	Lower	1983.117	P1	660.00	-2.51	3.88	0.93	4.10	0.000702	2.15	405.09	283.47	0.32
Yarkon	Lower	1983.117	P2	541.00	-2.51	3.34	0.59	3.56	0.000778	2.08	274.50	178.41	0.33
Yarkon	Lower	1983.117	P5	396.00	-2.51	2.66	0.12	2.83	0.000666	1.83	216.67	57.29	0.30

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Yarkon	Lower	1983.117	P10	290.00	-2.51	2.07	-0.33	2.20	0.000503	1.57	185.25	50.06	0.26
Yarkon	Lower	1900.885	P1	660.00	-2.45	3.81	0.90	4.04	0.000657	2.22	415.61	278.57	0.31
Yarkon	Lower	1900.885	P2	541.00	-2.45	3.27	0.56	3.50	0.000693	2.12	298.12	171.30	0.31
Yarkon	Lower	1900.885	P5	396.00	-2.45	2.60	0.10	2.77	0.000651	1.85	221.08	86.41	0.30
Yarkon	Lower	1900.885	P10	290.00	-2.45	2.03	-0.32	2.16	0.000538	1.59	182.40	51.89	0.27
Yarkon	Lower	1841.67	P1	660.00	-2.55	3.78	0.89	4.00	0.000678	2.19	449.31	277.34	0.31
Yarkon	Lower	1841.67	P2	541.00	-2.55	3.23	0.53	3.46	0.000754	2.14	323.24	192.12	0.33
Yarkon	Lower	1841.67	P5	396.00	-2.55	2.54	0.05	2.73	0.000751	1.95	216.28	110.94	0.32
Yarkon	Lower	1841.67	P10	290.00	-2.55	1.98	-0.39	2.12	0.000561	1.66	174.54	45.97	0.27
Yarkon	Lower	1764.713	P1	660.00	-2.77	3.58	1.07	3.91	0.000930	2.61	298.29	122.14	0.37
Yarkon	Lower	1764.713	P2	541.00	-2.77	3.09	0.71	3.38	0.000902	2.41	249.22	90.91	0.36
Yarkon	Lower	1764.713	P5	396.00	-2.77	2.44	0.23	2.66	0.000839	2.09	195.66	69.37	0.34
Yarkon	Lower	1764.713	P10	290.00	-2.77	1.91	-0.21	2.07	0.000696	1.78	163.50	52.26	0.30
Yarkon	Lower	1706.886	P1	660.00	-2.66	3.54	1.13	3.84	0.000989	2.48	326.03	164.90	0.38
Yarkon	Lower	1706.886	P2	541.00	-2.66	3.04	0.75	3.32	0.001057	2.36	253.52	119.71	0.39
Yarkon	Lower	1706.886	P5	396.00	-2.66	2.38	0.24	2.61	0.001087	2.13	189.27	82.53	0.38
Yarkon	Lower	1706.886	P10	290.00	-2.66	1.85	-0.20	2.02	0.000846	1.85	156.98	49.94	0.33
Yarkon	Lower	1627.304	P1	660.00	-2.79	3.53	0.83	3.74	0.000664	2.10	385.26	261.81	0.31
Yarkon	Lower	1627.304	P2	541.00	-2.79	3.02	0.51	3.22	0.000714	2.01	287.44	153.25	0.32
Yarkon	Lower	1627.304	P5	396.00	-2.79	2.35	0.04	2.51	0.000708	1.78	224.32	72.64	0.31
Yarkon	Lower	1627.304	P10	290.00	-2.79	1.83	-0.40	1.94	0.000562	1.53	189.85	59.31	0.27
Yarkon	Lower	1586.436	P1	660.00	-2.60	3.40	0.92	3.70	0.000930	2.42	289.57	151.45	0.37
Yarkon	Lower	1586.436	P2	541.00	-2.60	2.92	0.58	3.18	0.000929	2.24	247.15	119.53	0.36
Yarkon	Lower	1586.436	P5	396.00	-2.60	2.27	0.13	2.47	0.000872	1.97	201.79	64.22	0.34
Yarkon	Lower	1586.436	P10	290.00	-2.60	1.77	-0.30	1.91	0.000711	1.68	172.19	54.94	0.30
Yarkon	Lower	1566.049		Bridge									
Yarkon	Lower	1553.136	P1	660.00	-2.81	3.32	0.86	3.66	0.000908	2.57	269.71	126.37	0.37
Yarkon	Lower	1553.136	P2	541.00	-2.81	2.87	0.52	3.14	0.000853	2.34	237.64	101.97	0.35
Yarkon	Lower	1553.136	P5	396.00	-2.81	2.24	0.06	2.44	0.000740	1.99	202.47	66.43	0.32
Yarkon	Lower	1553.136	P10	290.00	-2.81	1.75	-0.37	1.89	0.000608	1.67	175.43	60.11	0.29
Yarkon	Lower	1533.085	P1	660.00	-2.99	3.13	1.07	3.61	0.001385	3.06	224.81	72.15	0.45
Yarkon	Lower	1533.085	P2	541.00	-2.99	2.71	0.68	3.10	0.001293	2.77	199.26	70.35	0.43
Yarkon	Lower	1533.085	P5	396.00	-2.99	2.13	0.15	2.41	0.001084	2.35	168.40	44.31	0.39
Yarkon	Lower	1533.085	P10	290.00	-2.99	1.67	-0.31	1.87	0.000847	1.95	148.52	43.19	0.34
Yarkon	Lower	1519.111		Bridge									
Yarkon	Lower	1506.725	P1	660.00	-3.00	3.14	0.90	3.54	0.001149	2.78	241.89	70.52	0.41
Yarkon	Lower	1506.725	P2	541.00	-3.00	2.72	0.55	3.04	0.001060	2.51	216.38	58.63	0.39
Yarkon	Lower	1506.725	P5	396.00	-3.00	2.13	0.07	2.36	0.000894	2.13	186.00	49.33	0.35
Yarkon	Lower	1506.725	P10	290.00	-3.00	1.67	-0.39	1.83	0.000707	1.77	163.62	48.22	0.31
Yarkon	Lower	1454.662	P1	660.00	-2.87	3.18	0.58	3.43	0.000775	2.24	300.22	93.91	0.34
Yarkon	Lower	1454.662	P2	541.00	-2.87	2.74	0.25	2.95	0.000718	2.04	266.52	70.91	0.32
Yarkon	Lower	1454.662	P5	396.00	-2.87	2.14	-0.23	2.29	0.000617	1.75	226.82	62.74	0.29
Yarkon	Lower	1454.662	P10	290.00	-2.87	1.67	-0.64	1.78	0.000488	1.46	198.27	60.12	0.26
Yarkon	Lower	1380.263	P1	660.00	-2.74	3.10	0.73	3.37	0.000853	2.29	307.04	127.37	0.35
Yarkon	Lower	1380.263	P2	541.00	-2.74	2.66	0.41	2.89	0.000833	2.11	258.34	105.30	0.34
Yarkon	Lower	1380.263	P5	396.00	-2.74	2.07	-0.05	2.24	0.000741	1.82	217.24	65.55	0.32
Yarkon	Lower	1380.263	P10	290.00	-2.74	1.62	-0.46	1.74	0.000586	1.54	188.79	60.97	0.28
Yarkon	Lower	1299.901	P1	660.00	-2.74	3.10	0.48	3.27	0.000579	1.84	368.78	112.65	0.29
Yarkon	Lower	1299.901	P2	541.00	-2.74	2.66	0.21	2.80	0.000544	1.69	321.89	97.73	0.28
Yarkon	Lower	1299.901	P5	396.00	-2.74	2.06	-0.17	2.17	0.000493	1.47	269.28	82.27	0.26
Yarkon	Lower	1299.901	P10	290.00	-2.74	1.61	-0.52	1.69	0.000403	1.24	232.99	78.73	0.23
Yarkon	Lower	1220.782	P1	660.00	-2.80	3.10	0.04	3.22	0.000378	1.51	443.64	119.41	0.24
Yarkon	Lower	1220.782	P2	541.00	-2.80	2.65	-0.23	2.75	0.000366	1.39	391.66	112.27	0.23
Yarkon	Lower	1220.782	P5	396.00	-2.80	2.05	-0.59	2.12	0.000342	1.21	326.87	102.21	0.22
Yarkon	Lower	1220.782	P10	290.00	-2.80	1.60	-0.91	1.65	0.000275	1.03	282.10	94.95	0.19
Yarkon	Lower	1140.3	P1	660.00	-3.37	3.05	-0.07	3.18	0.000358	1.62	444.63	144.57	0.23
Yarkon	Lower	1140.3	P2	541.00	-3.37	2.61	-0.35	2.72	0.000336	1.47	386.34	122.28	0.22
Yarkon	Lower	1140.3	P5	396.00	-3.37	2.02	-0.72	2.10	0.000296	1.25	320.29	96.19	0.20
Yarkon	Lower	1140.3	P10	290.00	-3.37	1.57	-1.03	1.63	0.000238	1.04	279.85	87.78	0.18
Yarkon	Lower	1062.996	P1	660.00	-3.52	2.94	0.73	3.13	0.000696	2.09	430.82	209.34	0.32
Yarkon	Lower	1062.996	P2	541.00	-3.52	2.48	0.40	2.67	0.000752	2.01	342.07	168.98	0.33
Yarkon	Lower	1062.996	P5	396.00	-3.52	1.87	-0.07	2.04	0.000795	1.84	244.97	147.59	0.33
Yarkon	Lower	1062.996	P10	290.00	-3.52	1.46	-0.50	1.58	0.000698	1.59	182.43	64.41	0.30
Yarkon	Lower	990.0869	P1	660.00	-3.50	2.92	0.49	3.08	0.000499	1.97	522.55	212.05	0.28
Yarkon	Lower	990.0869	P2	541.00	-3.50	2.46	0.03	2.61	0.000519	1.89	437.32	203.66	0.28
Yarkon	Lower	990.0869	P5	396.00	-3.50	1.85	-0.37	1.98	0.000519	1.72	328.96	165.15	0.27
Yarkon	Lower	990.0869	P10	290.00	-3.50	1.43	-0.78	1.53	0.000433	1.46	266.54	143.40	0.25
Yarkon	Lower	946.9336	P1	660.00	-3.31	2.64	0.61	3.00	0.001547	2.69	265.56	143.37	0.46



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Yarkon	Lower	946.9336	P2	541.00	-3.31	2.21	0.22	2.54	0.001509	2.53	217.66	93.98	0.45
Yarkon	Lower	946.9336	P5	396.00	-3.31	1.69	-0.30	1.93	0.001093	2.18	181.83	55.20	0.38
Yarkon	Lower	946.9336	P10	290.00	-3.31	1.33	-0.74	1.50	0.000780	1.78	162.84	51.96	0.32
Yarkon	Lower	895.5098	P1	660.00	-3.42	2.54	0.61	2.92	0.001590	2.73	242.18	72.43	0.47
Yarkon	Lower	895.5098	P2	541.00	-3.42	2.13	0.23	2.46	0.001545	2.53	213.61	67.31	0.45
Yarkon	Lower	895.5098	P5	396.00	-3.42	1.64	-0.29	1.87	0.001061	2.15	183.87	55.63	0.38
Yarkon	Lower	895.5098	P10	290.00	-3.42	1.30	-0.75	1.45	0.000767	1.75	165.38	53.46	0.32
Yarkon	Lower	877.6628	P1	660.00	-3.61	2.55	0.28	2.87	0.001090	2.50	263.91	64.34	0.39
Yarkon	Lower	877.6628	P2	541.00	-3.61	2.15	-0.09	2.41	0.000978	2.27	238.36	62.11	0.37
Yarkon	Lower	877.6628	P5	396.00	-3.61	1.65	-0.59	1.84	0.000771	1.90	208.22	59.36	0.32
Yarkon	Lower	877.6628	P10	290.00	-3.61	1.31	-1.02	1.43	0.000554	1.54	188.11	57.45	0.27
Yarkon	Lower	861.2906		Bridge									
Yarkon	Lower	843.3945	P1	660.00	-3.48	2.42	0.60	2.77	0.001441	2.62	251.85	71.70	0.45
Yarkon	Lower	843.3945	P2	541.00	-3.48	2.02	0.25	2.32	0.001400	2.42	223.63	70.45	0.43
Yarkon	Lower	843.3945	P5	396.00	-3.48	1.55	-0.26	1.77	0.001186	2.08	190.77	66.91	0.39
Yarkon	Lower	843.3945	P10	290.00	-3.48	1.24	-0.70	1.38	0.000803	1.70	170.73	60.40	0.32
Yarkon	Lower	808.7067	P1	660.00	-3.19	2.14	0.80	2.67	0.002096	3.23	204.42	55.74	0.54
Yarkon	Lower	808.7067	P2	541.00	-3.19	1.81	0.46	2.24	0.001888	2.91	185.81	54.94	0.51
Yarkon	Lower	808.7067	P5	396.00	-3.19	1.41	-0.02	1.71	0.001469	2.41	164.38	53.69	0.44
Yarkon	Lower	808.7067	P10	290.00	-3.19	1.16	-0.43	1.34	0.001027	1.92	150.76	52.89	0.36
Yarkon	Lower	735.4179	P1	660.00	-3.85	2.05	0.40	2.51	0.001633	2.98	221.58	56.43	0.48
Yarkon	Lower	735.4179	P2	541.00	-3.85	1.73	0.05	2.09	0.001421	2.66	203.39	55.46	0.44
Yarkon	Lower	735.4179	P5	396.00	-3.85	1.35	-0.47	1.59	0.001052	2.17	182.84	54.34	0.38
Yarkon	Lower	735.4179	P10	290.00	-3.85	1.12	-0.91	1.27	0.000704	1.71	170.05	53.68	0.31
Yarkon	Lower	643.5284	P1	660.00	-3.66	1.97	-0.17	2.34	0.001247	2.70	245.79	67.48	0.42
Yarkon	Lower	643.5284	P2	541.00	-3.66	1.66	-0.54	1.95	0.001046	2.39	226.01	58.04	0.38
Yarkon	Lower	643.5284	P5	396.00	-3.66	1.31	-1.03	1.49	0.000731	1.92	206.09	55.52	0.32
Yarkon	Lower	643.5284	P10	290.00	-3.66	1.09	-1.45	1.20	0.000467	1.49	194.05	54.49	0.25
Yarkon	Lower	551.2922	P1	660.00	-3.58	1.81	0.12	2.21	0.001617	2.79	236.17	66.67	0.47
Yarkon	Lower	551.2922	P2	541.00	-3.58	1.52	-0.24	1.84	0.001378	2.49	217.07	64.60	0.43
Yarkon	Lower	551.2922	P5	396.00	-3.58	1.21	-0.74	1.41	0.000965	2.01	197.31	62.29	0.36
Yarkon	Lower	551.2922	P10	290.00	-3.58	1.03	-1.17	1.15	0.000612	1.56	186.07	61.05	0.28
Yarkon	Lower	468.9396	P1	660.00	-2.74	1.35	0.55	1.97	0.003545	3.49	188.94	68.98	0.67
Yarkon	Lower	468.9396	P2	541.00	-2.74	1.16	0.22	1.64	0.002984	3.08	175.68	68.18	0.61
Yarkon	Lower	468.9396	P5	396.00	-2.74	0.99	-0.22	1.28	0.001975	2.41	164.13	67.48	0.49
Yarkon	Lower	468.9396	P10	290.00	-2.74	0.90	-0.61	1.07	0.001187	1.83	158.23	67.12	0.38
Yarkon	Lower	423.2707	P1	660.00	-2.46	1.23	0.39	1.80	0.003023	3.34	197.80	68.70	0.63
Yarkon	Lower	423.2707	P2	541.00	-2.46	1.07	0.09	1.50	0.002448	2.90	186.33	68.13	0.56
Yarkon	Lower	423.2707	P5	396.00	-2.46	0.93	-0.33	1.19	0.001532	2.23	177.30	67.68	0.44
Yarkon	Lower	423.2707	P10	290.00	-2.46	0.87	-0.67	1.01	0.000887	1.68	172.97	67.43	0.33
Yarkon	Lower	389.4854	P1	660.00	-2.24	1.23	0.32	1.65	0.002585	2.84	232.28	92.05	0.57
Yarkon	Lower	389.4854	P2	541.00	-2.24	1.06	0.06	1.38	0.002139	2.50	216.10	89.87	0.52
Yarkon	Lower	389.4854	P5	396.00	-2.24	0.92	-0.30	1.11	0.001348	1.94	204.28	88.24	0.41
Yarkon	Lower	389.4854	P10	290.00	-2.24	0.86	-0.61	0.97	0.000780	1.46	198.99	87.50	0.31
Yarkon	Lower	362.0335	P1	660.00	-2.06	1.19	0.37	1.56	0.002481	2.69	245.76	102.92	0.55
Yarkon	Lower	362.0335	P2	541.00	-2.06	1.02	0.06	1.30	0.002127	2.37	227.90	102.42	0.51
Yarkon	Lower	362.0335	P5	396.00	-2.06	0.90	-0.30	1.07	0.001359	1.84	215.76	102.00	0.40
Yarkon	Lower	362.0335	P10	290.00	-2.06	0.85	-0.61	0.94	0.000787	1.38	210.72	101.83	0.31
Yarkon	Lower	350.9268		Bridge									
Yarkon	Lower	340.1053	P1	660.00	-2.00	0.88	0.13	1.25	0.002738	2.70	244.52	109.64	0.58
Yarkon	Lower	340.1053	P2	541.00	-2.00	0.86	-0.10	1.11	0.001912	2.24	241.59	109.49	0.48
Yarkon	Lower	340.1053	P5	396.00	-2.00	0.83	-0.42	0.97	0.001063	1.66	238.77	109.34	0.36
Yarkon	Lower	340.1053	P10	290.00	-2.00	0.82	-0.70	0.89	0.000582	1.22	237.26	109.26	0.26
Yarkon	Lower	313.6755	P1	660.00	-2.00	0.87	-0.08	1.16	0.001990	2.38	277.46	118.33	0.50
Yarkon	Lower	313.6755	P2	541.00	-2.00	0.85	-0.31	1.05	0.001380	1.97	274.73	118.24	0.41
Yarkon	Lower	313.6755	P5	396.00	-2.00	0.83	-0.60	0.93	0.000762	1.46	272.11	118.14	0.31
Yarkon	Lower	313.6755	P10	290.00	-2.00	0.81	-0.85	0.87	0.000416	1.07	270.70	118.10	0.23
Yarkon	Lower	256.237	P1	660.00	-2.00	0.85	-0.37	1.03	0.001162	1.89	361.25	162.19	0.38
Yarkon	Lower	256.237	P2	541.00	-2.00	0.83	-0.56	0.96	0.000799	1.56	358.55	162.04	0.32
Yarkon	Lower	256.237	P5	396.00	-2.00	0.82	-0.81	0.88	0.000438	1.15	356.00	161.88	0.23
Yarkon	Lower	256.237	P10	290.00	-2.00	0.81	-1.02	0.85	0.000237	0.84	354.64	161.68	0.17
Yarkon	Lower	175.4663	P1	660.00	-2.00	0.82	-0.34	0.93	0.000763	1.54	541.08	266.67	0.31
Yarkon	Lower	175.4663	P2	541.00	-2.00	0.81	-0.52	0.88	0.000518	1.27	539.12	266.66	0.26
Yarkon	Lower	175.4663	P5	396.00	-2.00	0.81	-0.74	0.85	0.000281	0.93	537.31	266.65	0.19
Yarkon	Lower	175.4663	P10	290.00	-2.00	0.80	-0.93	0.82	0.000151	0.68	536.35	266.64	0.14
Yarkon	Lower	102.0777	P1	660.00	-2.00	0.80	-0.62	0.87	0.000483	1.24	660.72	318.67	0.25
Yarkon	Lower	102.0777	P2	541.00	-2.00	0.80	-0.75	0.85	0.000325	1.02	660.72	318.67	0.20
Yarkon	Lower	102.0777	P5	396.00	-2.00	0.80	-0.95	0.82	0.000174	0.74	660.72	318.67	0.15
Yarkon	Lower	102.0777	P10	290.00	-2.00	0.80	-1.11	0.81	0.000093	0.54	660.72	318.67	0.11

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Shilo	Shilo	17411.92	P1	400.00	100.00	102.98	102.98	104.02	0.007036	4.58	100.98	63.06	0.93
Shilo	Shilo	17411.92	P2	328.00	100.00	102.69	102.69	103.63	0.007499	4.34	83.30	55.84	0.94
Shilo	Shilo	17411.92	P5	240.00	100.00	102.26	102.26	103.08	0.008601	4.01	61.73	45.65	0.97
Shilo	Shilo	17411.92	P10	176.00	100.00	101.95	101.90	102.61	0.008877	3.60	48.88	34.22	0.96
Shilo	Shilo	17331.92	P1	400.00	100.00	101.61	102.02	103.03	0.021556	5.28	76.15	61.21	1.48
Shilo	Shilo	17331.92	P2	328.00	100.00	101.48	101.80	102.66	0.020021	4.80	68.43	59.08	1.41
Shilo	Shilo	17331.92	P5	240.00	100.00	101.33	101.51	102.15	0.016295	4.02	59.74	56.57	1.24
Shilo	Shilo	17331.92	P10	176.00	100.00	101.26	101.26	101.77	0.010799	3.16	55.73	55.34	1.00
Shilo	Shilo	17251.92	P1	400.00	98.00	101.61	101.07	102.15	0.003126	3.45	162.33	96.91	0.64
Shilo	Shilo	17251.92	P2	328.00	98.00	101.33	100.80	101.81	0.003106	3.22	136.10	87.20	0.63
Shilo	Shilo	17251.92	P5	240.00	98.00	101.06	100.40	101.40	0.002472	2.68	114.14	78.69	0.55
Shilo	Shilo	17251.92	P10	176.00	98.00	100.85	100.06	101.09	0.001870	2.19	98.29	72.03	0.47
Shilo	Shilo	17171.92	P1	400.00	98.00	101.46	101.05	101.87	0.002869	3.33	213.29	127.22	0.61
Shilo	Shilo	17171.92	P2	328.00	98.00	101.10	100.85	101.54	0.003456	3.35	167.92	122.11	0.66
Shilo	Shilo	17171.92	P5	240.00	98.00	100.85	100.56	101.19	0.002864	2.86	138.86	118.44	0.59
Shilo	Shilo	17171.92	P10	176.00	98.00	100.27	100.27	100.79	0.005465	3.28	71.77	110.59	0.78
Shilo	Shilo	17091.92	P1	400.00	98.00	100.61	99.91	101.45	0.006712	4.69	157.31	123.78	0.93
Shilo	Shilo	17091.92	P2	328.00	98.00	100.54	100.54	101.17	0.005106	4.02	149.12	123.13	0.81
Shilo	Shilo	17091.92	P5	240.00	98.00	99.95	99.95	100.74	0.008237	4.28	80.65	62.53	0.98
Shilo	Shilo	17091.92	P10	176.00	98.00	99.83	99.66	100.33	0.005691	3.40	72.95	59.74	0.81
Shilo	Shilo	17011.92	P1	400.00	98.00	100.62		100.94	0.002395	2.80	217.50	118.08	0.55
Shilo	Shilo	17011.92	P2	328.00	98.00	100.37	99.75	100.65	0.002424	2.63	187.44	115.96	0.55
Shilo	Shilo	17011.92	P5	240.00	98.00	100.02	99.45	100.26	0.002458	2.38	147.63	113.00	0.54
Shilo	Shilo	17011.92	P10	176.00	98.00	99.73		99.93	0.002378	2.11	116.67	102.09	0.52
Shilo	Shilo	16931.92	P1	400.00	97.79	99.76	99.76	100.51	0.008920	4.19	129.16	95.05	1.00
Shilo	Shilo	16931.92	P2	328.00	97.79	99.55	99.55	100.23	0.009274	3.93	110.27	89.94	1.00
Shilo	Shilo	16931.92	P5	240.00	97.79	99.27	99.27	99.84	0.010014	3.58	85.86	82.99	1.01
Shilo	Shilo	16931.92	P10	176.00	97.79	99.04	99.04	99.52	0.010685	3.25	67.56	77.46	1.01
Shilo	Shilo	16851.92	P1	400.00	96.00	98.39	98.71	99.64	0.010571	5.41	112.27	85.63	1.14
Shilo	Shilo	16851.92	P2	328.00	96.00	98.17	98.47	99.33	0.010836	5.12	93.74	82.52	1.13
Shilo	Shilo	16851.92	P5	240.00	96.00	98.04	97.92	98.80	0.007479	4.08	83.70	80.78	0.93
Shilo	Shilo	16851.92	P10	176.00	96.00	97.83	97.70	98.35	0.006024	3.39	69.11	60.82	0.82
Shilo	Shilo	16771.92	P1	400.00	96.00	98.11	98.11	98.85	0.006668	4.02	133.98	103.68	0.89
Shilo	Shilo	16771.92	P2	328.00	96.00	97.81	97.81	98.53	0.007971	3.95	105.39	85.79	0.95
Shilo	Shilo	16771.92	P5	240.00	96.00	97.50	97.50	98.12	0.008499	3.59	80.57	76.21	0.95
Shilo	Shilo	16771.92	P10	176.00	96.00	97.24	97.24	97.76	0.009333	3.29	61.45	67.79	0.96
Shilo	Shilo	16691.92	P1	400.00	94.00	97.53	96.89	98.09	0.002890	3.53	158.34	85.37	0.63
Shilo	Shilo	16691.92	P2	328.00	94.00	97.20	96.59	97.71	0.002926	3.31	131.95	76.40	0.62
Shilo	Shilo	16691.92	P5	240.00	94.00	96.75	96.18	97.17	0.002956	2.97	100.23	64.25	0.61
Shilo	Shilo	16691.92	P10	176.00	94.00	96.39	95.83	96.72	0.002848	2.62	78.76	55.58	0.58
Shilo	Shilo	16611.92	P1	400.00	94.00	96.84	96.70	97.72	0.005473	4.34	120.97	72.51	0.84
Shilo	Shilo	16611.92	P2	328.00	94.00	96.58	96.39	97.34	0.005391	4.02	102.70	65.80	0.82
Shilo	Shilo	16611.92	P5	240.00	94.00	96.35	95.97	96.87	0.004117	3.29	88.47	60.00	0.71
Shilo	Shilo	16611.92	P10	176.00	94.00	96.08		96.46	0.003506	2.79	73.38	53.15	0.64
Shilo	Shilo	16531.92	P1	400.00	94.00	96.61		97.21	0.004489	3.80	154.68	90.34	0.76
Shilo	Shilo	16531.92	P2	328.00	94.00	96.09	96.09	96.84	0.007187	4.13	110.14	81.49	0.92
Shilo	Shilo	16531.92	P5	240.00	94.00	95.71	95.71	96.39	0.008123	3.84	81.63	71.18	0.95
Shilo	Shilo	16531.92	P10	176.00	94.00	95.43	95.43	96.01	0.008653	3.50	62.43	63.18	0.95
Shilo	Shilo	16451.92	P1	400.00	92.00	95.74	95.69	96.73	0.005850	4.64	120.15	80.97	0.85
Shilo	Shilo	16451.92	P2	328.00	92.00	95.56	95.32	96.35	0.004920	4.11	106.50	71.99	0.77
Shilo	Shilo	16451.92	P5	240.00	92.00	95.19	94.82	95.80	0.004334	3.56	82.63	58.32	0.71
Shilo	Shilo	16451.92	P10	176.00	92.00	94.74	94.36	95.28	0.004645	3.28	59.21	44.61	0.72
Shilo	Shilo	16371.92	P1	400.00	92.00	95.29	95.29	96.25	0.006198	4.50	116.14	83.16	0.87
Shilo	Shilo	16371.92	P2	328.00	92.00	94.95	94.95	95.88	0.006745	4.35	90.25	68.14	0.89
Shilo	Shilo	16371.92	P5	240.00	92.00	94.46	94.42	95.31	0.007734	4.11	62.12	47.02	0.93
Shilo	Shilo	16371.92	P10	176.00	92.00	94.16	93.99	94.81	0.006977	3.56	50.01	35.13	0.86
Shilo	Shilo	16291.92	P1	400.00	92.00	94.30	94.59	95.56	0.010422	5.31	106.29	79.70	1.13
Shilo	Shilo	16291.92	P2	328.00	92.00	94.11	94.34	95.20	0.009890	4.87	91.58	75.76	1.08
Shilo	Shilo	16291.92	P5	240.00	92.00	94.05	93.88	94.68	0.005950	3.71	87.03	74.54	0.84
Shilo	Shilo	16291.92	P10	176.00	92.00	93.86	93.56	94.27	0.004442	3.00	74.96	58.83	0.71
Shilo	Shilo	16211.92	P1	400.00	92.00	94.05	94.05	94.82	0.007292	4.11	128.63	93.32	0.93
Shilo	Shilo	16211.92	P2	328.00	92.00	93.80	93.80	94.52	0.007926	3.93	106.52	86.68	0.95
Shilo	Shilo	16211.92	P5	240.00	92.00	93.49	93.49	94.11	0.008622	3.60	80.88	76.46	0.95
Shilo	Shilo	16211.92	P10	176.00	92.00	93.23	93.23	93.75	0.009396	3.29	61.99	68.42	0.96
Shilo	Shilo	16131.92	P1	400.00	90.00	93.24	92.94	93.99	0.004386	4.26	149.21	84.01	0.77
Shilo	Shilo	16131.92	P2	328.00	90.00	92.96	92.64	93.62	0.004258	3.95	126.97	76.61	0.75
Shilo	Shilo	16131.92	P5	240.00	90.00	92.69	92.19	93.16	0.003385	3.29	106.89	69.44	0.66
Shilo	Shilo	16131.92	P10	176.00	90.00	92.28	91.84	92.68	0.003474	2.97	81.04	58.95	0.65
Shilo	Shilo	16051.92	P1	400.00	90.00	93.14	92.54	93.60	0.002822	3.13	163.33	95.16	0.60

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	16051.92	P2	328.00	90.00	92.82	92.20	93.25	0.003010	2.97	134.33	87.60	0.61
Shilo	Shilo	16051.92	P5	240.00	90.00	92.56	91.89	92.86	0.002466	2.49	112.11	81.33	0.54
Shilo	Shilo	16051.92	P10	176.00	90.00	92.09	91.59	92.38	0.003123	2.38	78.48	55.15	0.59
Shilo	Shilo	15971.92	P1	400.00	88.92	92.38	92.38	93.22	0.005578	4.31	133.43	97.86	0.83
Shilo	Shilo	15971.92	P2	328.00	88.92	92.27	92.12	92.91	0.004502	3.76	122.21	95.55	0.74
Shilo	Shilo	15971.92	P5	240.00	88.92	91.55	91.55	92.43	0.007712	4.17	60.86	47.71	0.93
Shilo	Shilo	15971.92	P10	176.00	88.92	91.06	91.04	91.87	0.009094	4.00	44.03	26.08	0.98
Shilo	Shilo	15891.92	P1	400.00	88.00	91.54	91.75	92.68	0.007005	4.91	111.63	90.65	0.93
Shilo	Shilo	15891.92	P2	328.00	88.00	91.29	91.29	92.39	0.007183	4.67	76.80	42.79	0.93
Shilo	Shilo	15891.92	P5	240.00	88.00	90.81	90.75	91.74	0.007746	4.28	57.47	34.47	0.94
Shilo	Shilo	15891.92	P10	176.00	88.00	90.62	90.32	91.23	0.005588	3.44	51.48	30.23	0.79
Shilo	Shilo	15811.92	P1	400.00	87.83	90.70	91.06	91.99	0.010181	5.38	107.04	85.73	1.10
Shilo	Shilo	15811.92	P2	328.00	87.83	90.44	90.76	91.68	0.010652	5.14	86.83	77.58	1.11
Shilo	Shilo	15811.92	P5	240.00	87.83	90.41	90.41	91.10	0.006080	3.85	84.23	77.06	0.84
Shilo	Shilo	15811.92	P10	176.00	87.83	89.94	89.94	90.67	0.008055	3.83	51.28	47.23	0.93
Shilo	Shilo	15731.92	P1	400.00	87.04	90.41	90.35	91.18	0.005777	4.16	137.72	95.96	0.85
Shilo	Shilo	15731.92	P2	328.00	87.04	90.24	90.10	90.87	0.005126	3.74	122.05	91.80	0.79
Shilo	Shilo	15731.92	P5	240.00	87.04	89.92	89.73	90.43	0.004795	3.28	94.50	77.79	0.74
Shilo	Shilo	15731.92	P10	176.00	87.04	89.49	89.39	90.01	0.006604	3.26	63.02	68.77	0.84
Shilo	Shilo	15651.92	P1	400.00	85.85	89.91	89.91	90.72	0.005654	4.25	136.88	104.85	0.83
Shilo	Shilo	15651.92	P2	328.00	85.85	89.63	89.63	90.41	0.005993	4.07	109.11	97.26	0.84
Shilo	Shilo	15651.92	P5	240.00	85.85	89.21	89.19	89.93	0.006873	3.82	73.22	74.17	0.87
Shilo	Shilo	15651.92	P10	176.00	85.85	88.96	88.73	89.50	0.006045	3.28	56.28	63.83	0.80
Shilo	Shilo	15571.92	P1	400.00	86.47	89.02	89.24	90.09	0.010372	4.85	111.87	87.62	1.10
Shilo	Shilo	15571.92	P2	328.00	86.47	88.85	89.03	89.78	0.010051	4.49	96.48	86.01	1.06
Shilo	Shilo	15571.92	P5	240.00	86.47	88.73	88.73	89.33	0.006921	3.57	86.82	84.99	0.87
Shilo	Shilo	15571.92	P10	176.00	86.47	88.57	88.44	89.00	0.005567	2.99	72.74	82.55	0.77
Shilo	Shilo	15451.92	P1	400.00	85.33	88.40	88.40	89.21	0.005896	4.45	143.19	92.79	0.87
Shilo	Shilo	15451.92	P2	328.00	85.33	88.17	88.17	88.91	0.005797	4.15	122.29	91.15	0.85
Shilo	Shilo	15451.92	P5	240.00	85.33	87.73	87.80	88.47	0.007124	4.03	83.80	81.27	0.91
Shilo	Shilo	15451.92	P10	176.00	85.33	87.28	87.28	88.06	0.010026	4.03	52.42	49.46	1.04
Shilo	Shilo	15371.92	P1	400.00	84.00	87.30	87.52	88.55	0.009606	4.99	86.18	60.62	1.06
Shilo	Shilo	15371.92	P2	328.00	84.00	86.90	87.15	88.17	0.012049	5.00	66.29	41.84	1.16
Shilo	Shilo	15371.92	P5	240.00	84.00	86.45	86.69	87.61	0.014653	4.78	50.26	32.99	1.24
Shilo	Shilo	15371.92	P10	176.00	84.00	86.17	86.34	87.10	0.013982	4.25	41.37	31.24	1.18
Shilo	Shilo	15291.71	P1	400.00	83.96	86.25	86.58	87.58	0.015126	5.14	82.67	60.92	1.28
Shilo	Shilo	15291.71	P2	328.00	83.96	86.27	86.34	87.14	0.009809	4.17	83.73	61.05	1.03
Shilo	Shilo	15291.71	P5	240.00	83.96	86.03	86.02	86.69	0.008960	3.60	69.31	59.43	0.96
Shilo	Shilo	15291.71	P10	176.00	83.96	85.81	85.73	86.31	0.008532	3.14	56.90	51.12	0.91
Shilo	Shilo	15211.7	P1	400.00	83.00	86.50	85.86	86.84	0.002710	2.69	175.33	94.67	0.56
Shilo	Shilo	15211.7	P2	328.00	83.00	86.26	85.67	86.56	0.002699	2.49	152.84	92.75	0.55
Shilo	Shilo	15211.7	P5	240.00	83.00	85.92		86.16	0.002725	2.23	121.93	89.97	0.54
Shilo	Shilo	15211.7	P10	176.00	83.00	85.62		85.82	0.002815	2.01	95.77	86.51	0.53
Shilo	Shilo	15128.27	P1	400.00	82.50	85.70	85.70	86.44	0.007776	4.60	150.42	95.65	0.96
Shilo	Shilo	15128.27	P2	328.00	82.50	85.49	85.49	86.16	0.007554	4.32	130.34	92.48	0.94
Shilo	Shilo	15128.27	P5	240.00	82.50	85.19	85.19	85.77	0.007173	3.91	103.64	87.99	0.90
Shilo	Shilo	15128.27	P10	176.00	82.50	84.97	84.97	85.45	0.006390	3.46	84.15	86.09	0.83
Shilo	Shilo	15048.41	P1	400.00	80.52	85.33	84.85	86.04	0.003634	4.07	143.33	67.94	0.69
Shilo	Shilo	15048.41	P2	328.00	80.52	84.71	84.54	85.54	0.005183	4.28	103.94	59.71	0.80
Shilo	Shilo	15048.41	P5	240.00	80.52	83.84	84.09	85.01	0.010574	4.87	57.66	46.70	1.08
Shilo	Shilo	15048.41	P10	176.00	80.52	83.27	83.54	84.55	0.016286	5.04	36.38	34.47	1.28
Shilo	Shilo	14970.71	P1	400.00	79.74	84.08	84.08	85.49	0.009550	5.40	86.00	45.51	1.04
Shilo	Shilo	14970.71	P2	328.00	79.74	83.91	83.91	85.02	0.007984	4.76	78.87	40.12	0.94
Shilo	Shilo	14970.71	P5	240.00	79.74	83.46	83.46	84.38	0.008273	4.32	61.05	37.67	0.94
Shilo	Shilo	14970.71	P10	176.00	79.74	83.02	83.02	83.84	0.009416	4.02	45.72	33.04	0.97
Shilo	Shilo	14890.46	P1	400.00	80.20	82.93	83.30	84.53	0.014352	5.61	71.30	36.04	1.27
Shilo	Shilo	14890.46	P2	328.00	80.20	82.65	82.98	84.10	0.014943	5.32	61.61	34.79	1.28
Shilo	Shilo	14890.46	P5	240.00	80.20	82.32	82.57	83.48	0.014650	4.76	50.46	33.35	1.23
Shilo	Shilo	14890.46	P10	176.00	80.20	82.44	82.22	82.97	0.006313	3.24	54.26	33.82	0.82
Shilo	Shilo	14810.46	P1	400.00	79.63	82.85	82.75	83.84	0.007614	4.42	90.52	40.86	0.95
Shilo	Shilo	14810.46	P2	328.00	79.63	82.64	82.46	83.45	0.006865	4.00	81.93	39.74	0.89
Shilo	Shilo	14810.46	P5	240.00	79.63	82.30	82.06	82.92	0.006115	3.48	69.00	37.96	0.82
Shilo	Shilo	14810.46	P10	176.00	79.63	81.99	81.72	82.47	0.005676	3.06	57.53	36.36	0.78
Shilo	Shilo	14730.47	P1	400.00	79.20	82.27	82.27	83.22	0.007382	4.56	109.77	59.58	0.95
Shilo	Shilo	14730.47	P2	328.00	79.20	81.99	81.99	82.87	0.007517	4.32	93.45	57.44	0.94
Shilo	Shilo	14730.47	P5	240.00	79.20	81.56	81.56	82.32	0.008296	4.01	69.90	53.37	0.96
Shilo	Shilo	14730.47	P10	176.00	79.20	81.25	81.25	81.89	0.008419	3.64	55.58	50.92	0.94
Shilo	Shilo	14650.46	P1	400.00	78.44	82.18	81.59	82.63	0.002858	3.20	169.40	85.97	0.60
Shilo	Shilo	14650.46	P2	328.00	78.44	81.88	81.08	82.29	0.002880	3.02	144.43	81.47	0.60
Shilo	Shilo	14650.46	P5	240.00	78.44	81.36	80.90	81.77	0.003429	2.91	103.26	76.48	0.63

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Shilo	Shilo	14650.46	P10	176.00	78.44	80.93	80.54	81.30	0.003853	2.72	74.41	65.39	0.65
Shilo	Shilo	14570.47	P1	400.00	78.27	81.49	81.30	82.27	0.004849	4.07	126.40	82.07	0.78
Shilo	Shilo	14570.47	P2	328.00	78.27	81.08	80.97	81.89	0.005934	4.05	95.01	72.40	0.84
Shilo	Shilo	14570.47	P5	240.00	78.27	80.71	80.47	81.36	0.005803	3.59	71.26	52.56	0.80
Shilo	Shilo	14570.47	P10	176.00	78.27	80.47	80.10	80.93	0.004776	3.01	59.36	40.07	0.72
Shilo	Shilo	14490.47	P1	400.00	77.74	81.35	81.30	81.87	0.002874	3.39	160.38	91.74	0.62
Shilo	Shilo	14490.47	P2	328.00	77.74	80.81	80.47	81.42	0.004091	3.56	114.02	79.78	0.71
Shilo	Shilo	14490.47	P5	240.00	77.74	80.10	80.01	80.83	0.007182	3.81	67.22	54.41	0.90
Shilo	Shilo	14490.47	P10	176.00	77.74	79.63	79.63	80.35	0.009775	3.77	46.68	32.51	1.00
Shilo	Shilo	14410.47	P1	400.00	76.43	81.30	80.20	81.64	0.001448	2.82	212.93	90.42	0.45
Shilo	Shilo	14410.47	P2	328.00	76.43	80.75	79.85	81.11	0.001810	2.85	163.63	87.11	0.49
Shilo	Shilo	14410.47	P5	240.00	76.43	79.90	79.16	80.37	0.003063	3.07	92.42	78.03	0.61
Shilo	Shilo	14410.47	P10	176.00	76.43	79.28	78.74	79.75	0.004026	3.02	58.19	28.26	0.67
Shilo	Shilo	14330.47	P1	400.00	75.97	79.80	79.80	81.20	0.007838	5.26	77.98	34.88	0.97
Shilo	Shilo	14330.47	P2	328.00	75.97	79.36	79.34	80.66	0.008457	5.05	64.95	24.91	0.99
Shilo	Shilo	14330.47	P5	240.00	75.97	79.00	78.78	79.93	0.006790	4.26	56.39	23.44	0.88
Shilo	Shilo	14330.47	P10	176.00	75.97	78.61	78.30	79.31	0.005997	3.71	47.46	22.24	0.81
Shilo	Shilo	14250.46	P1	400.00	75.47	79.46	79.24	80.37	0.004944	4.36	110.77	105.81	0.80
Shilo	Shilo	14250.46	P2	328.00	75.47	79.12	78.90	79.95	0.005132	4.11	91.91	83.49	0.80
Shilo	Shilo	14250.46	P5	240.00	75.47	78.64	78.30	79.36	0.005465	3.76	67.76	58.90	0.80
Shilo	Shilo	14250.46	P10	176.00	75.47	78.21	78.21	78.80	0.005670	3.41	51.60	27.66	0.79
Shilo	Shilo	14170.47	P1	400.00	74.83	79.14	78.83	79.99	0.004126	4.54	136.41	147.15	0.74
Shilo	Shilo	14170.47	P2	328.00	74.83	78.79	78.44	79.57	0.004136	4.26	114.02	59.13	0.73
Shilo	Shilo	14170.47	P5	240.00	74.83	78.30	77.94	78.96	0.004101	3.84	85.82	52.85	0.71
Shilo	Shilo	14170.47	P10	176.00	74.83	77.83	77.48	78.41	0.004256	3.49	63.26	44.44	0.70
Shilo	Shilo	14090.47	P1	400.00	74.57	78.38	78.38	79.52	0.006906	4.79	94.37	48.37	0.91
Shilo	Shilo	14090.47	P2	328.00	74.57	78.02	78.02	79.08	0.007290	4.58	77.16	47.54	0.92
Shilo	Shilo	14090.47	P5	240.00	74.57	77.45	77.45	78.43	0.009065	4.39	54.92	30.64	0.99
Shilo	Shilo	14090.47	P10	176.00	74.57	77.02	77.02	77.86	0.009574	4.06	43.34	25.65	1.00
Shilo	Shilo	14010.47	P1	400.00	75.17	76.79	77.30	78.47	0.024849	5.73	69.78	52.64	1.59
Shilo	Shilo	14010.47	P2	328.00	75.17	76.65	77.07	78.06	0.023425	5.25	62.45	51.42	1.52
Shilo	Shilo	14010.47	P5	240.00	75.17	77.21	76.75	77.55	0.003929	2.59	92.72	57.99	0.65
Shilo	Shilo	14010.47	P10	176.00	75.17	76.92	76.48	77.19	0.003644	2.30	76.47	53.72	0.62
Shilo	Shilo	13930.47	P1	400.00	74.14	77.00	76.93	77.72	0.009590	5.19	162.57	127.65	1.07
Shilo	Shilo	13930.47	P2	328.00	74.14	76.74	76.74	77.43	0.010275	4.98	134.21	101.75	1.09
Shilo	Shilo	13930.47	P5	240.00	74.14	76.48	76.48	77.04	0.009530	4.40	108.94	93.58	1.02
Shilo	Shilo	13930.47	P10	176.00	74.14	76.27	76.27	76.72	0.008651	3.87	89.75	87.80	0.96
Shilo	Shilo	13850.47	P1	400.00	73.34	77.10	76.07	77.30	0.001557	2.56	303.62	161.67	0.46
Shilo	Shilo	13850.47	P2	328.00	73.34	76.70	75.89	76.91	0.001803	2.52	242.55	143.31	0.48
Shilo	Shilo	13850.47	P5	240.00	73.34	76.04	75.63	76.29	0.002890	2.66	156.62	120.72	0.58
Shilo	Shilo	13850.47	P10	176.00	73.34	75.22	75.42	75.93	0.012773	4.05	67.61	101.40	1.13
Shilo	Shilo	13770.47	P1	400.00	71.48	76.15	75.85	76.99	0.004185	4.16	126.19	91.88	0.74
Shilo	Shilo	13770.47	P2	328.00	71.48	75.66	75.35	76.54	0.005303	4.20	87.57	63.55	0.81
Shilo	Shilo	13770.47	P5	240.00	71.48	75.18	75.18	75.90	0.005163	3.76	64.53	32.96	0.78
Shilo	Shilo	13770.47	P10	176.00	71.48	74.66	74.25	75.28	0.005185	3.47	50.72	24.04	0.76
Shilo	Shilo	13690.47	P1	400.00	71.30	75.31	75.20	76.50	0.006909	4.83	87.58	61.48	0.92
Shilo	Shilo	13690.47	P2	328.00	71.30	74.95	74.82	76.01	0.007307	4.57	72.40	33.20	0.93
Shilo	Shilo	13690.47	P5	240.00	71.30	74.30	74.27	75.31	0.008606	4.47	53.74	25.55	0.98
Shilo	Shilo	13690.47	P10	176.00	71.30	73.83	73.77	74.70	0.008535	4.14	42.55	22.56	0.96
Shilo	Shilo	13610.46	P1	400.00	70.75	74.59	74.59	75.92	0.006900	5.19	86.80	37.48	0.93
Shilo	Shilo	13610.46	P2	328.00	70.75	74.19	74.15	75.40	0.007201	4.93	72.24	34.17	0.93
Shilo	Shilo	13610.46	P5	240.00	70.75	73.72	73.56	74.68	0.006819	4.36	57.36	29.50	0.89
Shilo	Shilo	13610.46	P10	176.00	70.75	73.28	73.08	74.06	0.006744	3.90	45.58	24.76	0.86
Shilo	Shilo	13530.47	P1	400.00	70.51	73.79	74.08	75.26	0.009014	5.38	77.70	57.46	1.04
Shilo	Shilo	13530.47	P2	328.00	70.51	73.81	73.50	74.78	0.005914	4.38	78.84	60.37	0.84
Shilo	Shilo	13530.47	P5	240.00	70.51	73.32	73.32	74.10	0.005873	3.91	61.45	26.53	0.82
Shilo	Shilo	13530.47	P10	176.00	70.51	72.83	72.83	73.49	0.006225	3.61	48.81	24.99	0.82
Shilo	Shilo	13450.47	P1	400.00	69.87	73.49	73.49	74.64	0.006755	4.78	91.74	61.11	0.91
Shilo	Shilo	13450.47	P2	328.00	69.87	73.01	73.01	74.18	0.008602	4.78	68.74	32.87	1.00
Shilo	Shilo	13450.47	P5	240.00	69.87	72.58	72.52	73.51	0.008347	4.28	56.08	27.83	0.96
Shilo	Shilo	13450.47	P10	176.00	69.87	72.32	72.32	72.98	0.006605	3.58	49.14	26.80	0.84
Shilo	Shilo	13370.46	P1	400.00	69.48	73.36	72.32	73.76	0.002019	2.85	162.06	88.69	0.52
Shilo	Shilo	13370.46	P2	328.00	69.48	73.11	72.05	73.44	0.001852	2.58	140.77	78.66	0.49
Shilo	Shilo	13370.46	P5	240.00	69.48	72.74	71.68	72.99	0.001606	2.19	114.59	64.30	0.45
Shilo	Shilo	13370.46	P10	176.00	69.48	72.39	71.38	72.57	0.001457	1.88	95.15	49.79	0.41
Shilo	Shilo	13290.47	P1	400.00	69.62	72.56	72.56	73.38	0.009857	5.15	140.02	94.09	1.09
Shilo	Shilo	13290.47	P2	328.00	69.62	72.32	72.32	73.07	0.010163	4.86	118.43	88.16	1.09
Shilo	Shilo	13290.47	P5	240.00	69.62	71.96	71.96	72.63	0.011428	4.53	88.12	74.16	1.12
Shilo	Shilo	13290.47	P10	176.00	69.62	71.70	71.70	72.25	0.011541	4.06	70.74	59.31	1.09

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	13210.47	P1	400.00	68.09	71.67	71.30	72.10	0.003684	3.62	201.90	135.46	0.68
Shilo	Shilo	13210.47	P2	328.00	68.09	71.32	71.12	71.78	0.004373	3.63	163.07	128.39	0.72
Shilo	Shilo	13210.47	P5	240.00	68.09	70.53	70.86	71.57	0.012441	4.93	80.61	121.11	1.16
Shilo	Shilo	13210.47	P10	176.00	68.09	70.33	70.62	71.23	0.011334	4.41	60.22	120.40	1.09
Shilo	Shilo	13130.47	P1	400.00	67.00	70.70	70.70	71.57	0.006811	4.62	130.05	145.41	0.91
Shilo	Shilo	13130.47	P2	328.00	67.00	70.48	70.48	71.25	0.006451	4.28	113.96	107.69	0.88
Shilo	Shilo	13130.47	P5	240.00	67.00	70.14	70.14	70.80	0.006132	3.86	89.77	101.47	0.84
Shilo	Shilo	13130.47	P10	176.00	67.00	69.79	69.84	70.42	0.006610	3.64	64.20	68.93	0.85
Shilo	Shilo	13050.47	P1	400.00	65.93	70.00	69.34	70.57	0.003123	3.42	137.73	83.33	0.64
Shilo	Shilo	13050.47	P2	328.00	65.93	69.66	69.04	70.18	0.003290	3.23	112.19	66.32	0.64
Shilo	Shilo	13050.47	P5	240.00	65.93	68.12	68.61	69.73	0.025179	5.61	42.78	33.40	1.58
Shilo	Shilo	13050.47	P10	176.00	65.93	67.82	68.27	69.27	0.029853	5.34	32.97	31.59	1.67
Shilo	Shilo	12970.47	P1	400.00	65.93	69.80	68.97	70.30	0.002873	3.15	139.98	91.05	0.60
Shilo	Shilo	12970.47	P2	328.00	65.93	69.44	68.67	69.90	0.003099	3.01	112.12	62.98	0.61
Shilo	Shilo	12970.47	P5	240.00	65.93	68.91	68.21	69.31	0.003403	2.80	85.61	41.66	0.62
Shilo	Shilo	12970.47	P10	176.00	65.93	68.46	67.82	68.80	0.003414	2.60	67.74	37.02	0.61
Shilo	Shilo	12890.47	P1	400.00	65.22	69.21	68.79	69.96	0.004804	3.84	106.17	47.78	0.77
Shilo	Shilo	12890.47	P2	328.00	65.22	68.82	68.42	69.53	0.005512	3.73	88.10	43.04	0.80
Shilo	Shilo	12890.47	P5	240.00	65.22	68.27	67.98	68.91	0.005861	3.55	67.57	34.80	0.81
Shilo	Shilo	12890.47	P10	176.00	65.22	67.82	67.61	68.39	0.006507	3.35	52.55	32.06	0.84
Shilo	Shilo	12810.47	P1	400.00	64.96	69.15		69.59	0.002112	2.98	154.37	87.26	0.53
Shilo	Shilo	12810.47	P2	328.00	64.96	68.73		69.13	0.002280	2.83	124.09	81.11	0.53
Shilo	Shilo	12810.47	P5	240.00	64.96	68.15		68.50	0.002459	2.62	93.01	47.64	0.54
Shilo	Shilo	12810.47	P10	176.00	64.96	67.66		67.96	0.002688	2.41	73.10	37.15	0.55
Shilo	Shilo	12730.47	P1	400.00	64.69	68.36	67.96	69.25	0.004872	4.23	104.07	57.90	0.78
Shilo	Shilo	12730.47	P2	328.00	64.69	68.08		68.82	0.004449	3.83	90.55	42.52	0.73
Shilo	Shilo	12730.47	P5	240.00	64.69	67.63		68.20	0.004140	3.37	72.36	36.40	0.69
Shilo	Shilo	12730.47	P10	176.00	64.69	67.23		67.67	0.003862	2.95	59.63	28.61	0.65
Shilo	Shilo	12650.47	P1	400.00	63.90	68.02	67.59	68.82	0.005005	3.97	101.99	45.33	0.78
Shilo	Shilo	12650.47	P2	328.00	63.90	67.75	67.27	68.43	0.004676	3.63	90.39	37.78	0.75
Shilo	Shilo	12650.47	P5	240.00	63.90	67.31	66.83	67.84	0.004448	3.24	74.12	35.34	0.71
Shilo	Shilo	12650.47	P10	176.00	63.90	66.91	66.46	67.34	0.004338	2.91	60.41	33.19	0.69
Shilo	Shilo	12570.47	P1	400.00	64.17	67.89		68.43	0.002705	3.39	151.38	77.55	0.60
Shilo	Shilo	12570.47	P2	328.00	64.17	67.60		68.07	0.002614	3.13	129.45	73.37	0.58
Shilo	Shilo	12570.47	P5	240.00	64.17	67.12		67.52	0.002730	2.84	95.49	58.98	0.58
Shilo	Shilo	12570.47	P10	176.00	64.17	66.69		67.02	0.002854	2.56	73.08	47.21	0.57
Shilo	Shilo	12490.47	P1	400.00	64.35	67.84	66.71	68.19	0.001727	2.78	187.36	140.47	0.49
Shilo	Shilo	12490.47	P2	328.00	64.35	67.54	66.48	67.84	0.001656	2.56	163.83	136.56	0.47
Shilo	Shilo	12490.47	P5	240.00	64.35	67.02	66.14	67.29	0.001792	2.35	124.19	114.99	0.47
Shilo	Shilo	12490.47	P10	176.00	64.35	66.57	65.85	66.79	0.001917	2.13	94.85	70.79	0.47
Shilo	Shilo	12410.47	P1	400.00	63.12	66.96	66.96	67.86	0.005998	4.25	111.45	89.13	0.86
Shilo	Shilo	12410.47	P2	328.00	63.12	66.53	66.53	67.47	0.007773	4.32	79.20	59.19	0.95
Shilo	Shilo	12410.47	P5	240.00	63.12	66.04	66.04	66.90	0.009187	4.10	58.52	34.09	1.00
Shilo	Shilo	12410.47	P10	176.00	63.12	65.64	65.64	66.40	0.009568	3.87	45.52	29.92	1.00
Shilo	Shilo	12323.44	P1	400.00	61.76	66.35	64.55	66.61	0.001182	2.25	179.70	61.98	0.40
Shilo	Shilo	12323.44	P2	328.00	61.76	65.90	64.29	66.13	0.001270	2.14	153.51	53.28	0.40
Shilo	Shilo	12323.44	P5	240.00	61.76	65.24	63.93	65.44	0.001268	1.98	120.97	46.93	0.39
Shilo	Shilo	12323.44	P10	176.00	61.76	64.76	63.64	64.92	0.001264	1.78	98.86	45.18	0.38
Shilo	Shilo	12249.31	P1	400.00	61.92	65.58	64.98	66.36	0.004235	3.90	106.11	50.26	0.73
Shilo	Shilo	12249.31	P2	328.00	61.92	65.15	64.65	65.87	0.004663	3.76	87.30	33.83	0.75
Shilo	Shilo	12249.31	P5	240.00	61.92	64.43	64.20	65.15	0.006402	3.77	63.71	31.44	0.84
Shilo	Shilo	12249.31	P10	176.00	61.92	63.83	63.83	64.59	0.009727	3.88	45.33	29.50	1.00
Shilo	Shilo	12168.34	P1	400.00	60.93	65.67	63.94	65.99	0.001414	2.53	157.89	45.68	0.43
Shilo	Shilo	12168.34	P2	328.00	60.93	65.22	63.63	65.51	0.001401	2.38	137.96	43.70	0.43
Shilo	Shilo	12168.34	P5	240.00	60.93	64.48	63.21	64.74	0.001582	2.25	106.78	40.52	0.44
Shilo	Shilo	12168.34	P10	176.00	60.93	63.81	62.85	64.06	0.001952	2.18	80.70	37.71	0.48
Shilo	Shilo	12085.61	P1	400.00	60.29	65.21	64.02	65.79	0.002642	3.38	125.78	53.79	0.59
Shilo	Shilo	12085.61	P2	328.00	60.29	64.79	63.63	65.31	0.002697	3.19	102.69	34.19	0.58
Shilo	Shilo	12085.61	P5	240.00	60.29	64.07	63.10	64.53	0.002826	3.00	79.97	29.88	0.59
Shilo	Shilo	12085.61	P10	176.00	60.29	63.38	62.65	63.81	0.003316	2.91	60.51	26.84	0.62
Shilo	Shilo	12008.26	P1	400.00	59.37	65.23	63.62	65.55	0.001287	2.71	240.51	150.62	0.42
Shilo	Shilo	12008.26	P2	328.00	59.37	64.74	63.18	65.08	0.001498	2.70	173.36	126.11	0.44
Shilo	Shilo	12008.26	P5	240.00	59.37	63.93	62.51	64.31	0.002060	2.71	94.78	61.33	0.50
Shilo	Shilo	12008.26	P10	176.00	59.37	63.21	62.02	63.56	0.002441	2.62	67.21	27.05	0.53
Shilo	Shilo	11928.23	P1	400.00	59.13	63.88	63.88	65.16	0.006469	5.14	96.93	59.31	0.87
Shilo	Shilo	11928.23	P2	328.00	59.13	63.42	63.42	64.68	0.006956	4.99	72.39	48.51	0.89
Shilo	Shilo	11928.23	P5	240.00	59.13	62.51	62.51	63.81	0.009322	5.07	47.37	18.06	1.00
Shilo	Shilo	11928.23	P10	176.00	59.13	61.94	61.94	63.06	0.009653	4.69	37.56	16.76	1.00
Shilo	Shilo	11848.23	P1	400.00	58.75	62.04	62.63	64.21	0.016226	6.53	61.28	26.33	1.37
Shilo	Shilo	11848.23	P2	328.00	58.75	61.68	62.25	63.70	0.017233	6.29	52.18	24.90	1.39

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	11848.23	P5	240.00	58.75	61.36	61.70	62.85	0.014680	5.41	44.37	23.60	1.26
Shilo	Shilo	11848.23	P10	176.00	58.75	61.50	61.25	62.19	0.006443	3.70	47.62	24.15	0.84
Shilo	Shilo	11768.23	P1	400.00	58.78	63.18	61.80	63.55	0.001795	2.70	148.62	50.51	0.48
Shilo	Shilo	11768.23	P2	328.00	58.78	62.67	61.52	63.02	0.002028	2.63	124.80	45.16	0.50
Shilo	Shilo	11768.23	P5	240.00	58.78	61.96	61.10	62.29	0.002508	2.56	93.90	41.70	0.54
Shilo	Shilo	11768.23	P10	176.00	58.78	61.36	60.74	61.69	0.003293	2.52	69.78	38.95	0.60
Shilo	Shilo	11688.23	P1	400.00	56.96	61.67	61.67	63.07	0.008556	5.24	76.29	27.20	1.00
Shilo	Shilo	11688.23	P2	328.00	56.96	61.25	61.25	62.54	0.008785	5.03	65.27	25.33	1.00
Shilo	Shilo	11688.23	P5	240.00	56.96	60.66	60.66	61.79	0.009182	4.70	51.06	22.68	1.00
Shilo	Shilo	11688.23	P10	176.00	56.96	60.15	60.15	61.13	0.009596	4.40	40.03	20.34	1.00
Shilo	Shilo	11608.23	P1	400.00	56.48	60.59	60.84	62.26	0.010742	5.71	70.00	26.47	1.12
Shilo	Shilo	11608.23	P2	328.00	56.48	60.23	60.43	61.72	0.010806	5.42	60.51	24.95	1.11
Shilo	Shilo	11608.23	P5	240.00	56.48	59.72	59.86	60.97	0.010743	4.95	48.44	22.87	1.09
Shilo	Shilo	11608.23	P10	176.00	56.48	59.57	59.37	60.35	0.007096	3.91	45.01	22.24	0.88
Shilo	Shilo	11528.23	P1	400.00	56.69	60.43	60.16	61.29	0.005339	4.12	105.46	62.75	0.81
Shilo	Shilo	11528.23	P2	328.00	56.69	60.10	59.77	60.88	0.005493	3.90	86.86	51.79	0.81
Shilo	Shilo	11528.23	P5	240.00	56.69	59.61	59.31	60.27	0.005755	3.59	66.88	33.25	0.81
Shilo	Shilo	11528.23	P10	176.00	56.69	59.15	58.92	59.73	0.006325	3.37	52.21	30.68	0.82
Shilo	Shilo	11448.23	P1	400.00	56.12	60.41	59.51	60.82	0.002615	2.87	151.24	94.47	0.57
Shilo	Shilo	11448.23	P2	328.00	56.12	60.00	59.21	60.41	0.003127	2.84	115.63	82.13	0.61
Shilo	Shilo	11448.23	P5	240.00	56.12	59.41	58.76	59.80	0.003613	2.76	86.85	45.61	0.64
Shilo	Shilo	11448.23	P10	176.00	56.12	58.84	58.34	59.24	0.004408	2.80	62.89	37.58	0.69
Shilo	Shilo	11368.23	P1	400.00	55.07	60.08	59.13	60.59	0.002684	3.20	142.01	84.63	0.58
Shilo	Shilo	11368.23	P2	328.00	55.07	59.66	58.76	60.14	0.003008	3.10	110.48	68.06	0.61
Shilo	Shilo	11368.23	P5	240.00	55.07	59.11	58.21	59.52	0.003198	2.86	84.04	37.40	0.61
Shilo	Shilo	11368.23	P10	176.00	55.07	58.56	57.70	58.93	0.003223	2.71	65.04	31.55	0.60
Shilo	Shilo	11286.22	P1	400.00	55.13	58.88	58.88	60.11	0.007452	4.99	89.32	50.65	0.96
Shilo	Shilo	11286.22	P2	328.00	55.13	58.56	58.56	59.66	0.007422	4.69	76.17	39.16	0.94
Shilo	Shilo	11286.22	P5	240.00	55.13	58.00	58.00	59.01	0.008308	4.44	55.15	36.73	0.97
Shilo	Shilo	11286.22	P10	176.00	55.13	57.51	57.51	58.41	0.009339	4.20	41.93	23.34	1.00
Shilo	Shilo	11208.23	P1	400.00	54.36	58.78	57.97	59.41	0.002951	3.57	129.92	74.12	0.62
Shilo	Shilo	11208.23	P2	328.00	54.36	58.43	57.54	58.97	0.002919	3.30	109.31	54.57	0.61
Shilo	Shilo	11208.23	P5	240.00	54.36	57.88	57.04	58.33	0.002964	3.01	82.98	45.85	0.60
Shilo	Shilo	11208.23	P10	176.00	54.36	57.40	56.63	57.77	0.002964	2.71	64.92	30.86	0.59
Shilo	Shilo	11128.23	P1	400.00	54.25	58.66	57.62	59.12	0.002573	3.02	138.60	80.77	0.57
Shilo	Shilo	11128.23	P2	328.00	54.25	58.28	57.29	58.70	0.002674	2.87	114.38	44.75	0.57
Shilo	Shilo	11128.23	P5	240.00	54.25	57.70	56.84	58.07	0.002796	2.67	89.79	40.41	0.57
Shilo	Shilo	11128.23	P10	176.00	54.25	57.19	56.45	57.51	0.002927	2.50	70.34	36.18	0.57
Shilo	Shilo	11048.23	P1	400.00	53.66	58.48	57.44	58.92	0.002345	2.99	168.60	254.38	0.55
Shilo	Shilo	11048.23	P2	328.00	53.66	58.03	57.09	58.47	0.002846	2.96	114.82	75.03	0.59
Shilo	Shilo	11048.23	P5	240.00	53.66	57.41	56.59	57.82	0.003232	2.83	84.91	38.73	0.61
Shilo	Shilo	11048.23	P10	176.00	53.66	56.90	56.15	57.26	0.003301	2.65	66.33	33.78	0.60
Shilo	Shilo	11008.23	P1	400.00	53.13	57.41	57.41	58.61	0.008389	4.85	83.39	42.50	0.99
Shilo	Shilo	11008.23	P2	328.00	53.13	57.04	57.04	58.15	0.008917	4.67	70.26	31.64	1.00
Shilo	Shilo	11008.23	P5	240.00	53.13	57.00	56.49	57.61	0.005012	3.49	68.83	31.15	0.75
Shilo	Shilo	11008.23	P10	176.00	53.13	56.60	56.01	57.08	0.004337	3.08	57.10	27.89	0.69
Shilo	Shilo	10928.23	P1	400.00	53.47	57.06	56.77	57.75	0.004516	3.77	130.67	240.20	0.75
Shilo	Shilo	10928.23	P2	328.00	53.47	56.91	56.43	57.46	0.003747	3.33	117.69	86.80	0.68
Shilo	Shilo	10928.23	P5	240.00	53.47	56.98	55.92	57.25	0.001827	2.36	123.66	237.22	0.47
Shilo	Shilo	10928.23	P10	176.00	53.47	56.52	55.56	56.76	0.001913	2.18	86.99	69.76	0.47
Shilo	Shilo	10808.23	P1	400.00	53.00	56.84	56.68	57.20	0.003017	3.18	257.35	250.57	0.61
Shilo	Shilo	10808.23	P2	328.00	53.00	56.55	56.52	56.98	0.003681	3.31	193.66	247.04	0.67
Shilo	Shilo	10808.23	P5	240.00	53.00	56.00	55.92	56.77	0.006846	3.92	73.46	159.46	0.88
Shilo	Shilo	10808.23	P10	176.00	53.00	55.59	55.47	56.26	0.007710	3.65	48.26	29.94	0.90
Shilo	Shilo	10688.23	P1	400.00	52.51	56.68	55.46	56.93	0.001534	2.66	293.92	233.49	0.45
Shilo	Shilo	10688.23	P2	328.00	52.51	56.42	55.46	56.66	0.001524	2.54	247.79	231.28	0.45
Shilo	Shilo	10688.23	P5	240.00	52.51	55.89	55.05	56.20	0.001936	2.62	157.85	182.62	0.49
Shilo	Shilo	10688.23	P10	176.00	52.51	55.31	54.57	55.64	0.002504	2.63	84.57	68.91	0.54
Shilo	Shilo	10568.23	P1	400.00	51.92	55.82	55.82	56.56	0.004169	4.08	165.23	181.65	0.73
Shilo	Shilo	10568.23	P2	328.00	51.92	55.43	55.43	56.25	0.005103	4.13	107.35	116.91	0.79
Shilo	Shilo	10568.23	P5	240.00	51.92	54.71	54.64	55.66	0.008019	4.31	55.95	33.61	0.95
Shilo	Shilo	10568.23	P10	176.00	51.92	54.36	54.21	55.09	0.007350	3.79	46.41	25.30	0.89
Shilo	Shilo	10448.23	P1	400.00	51.01	54.40	54.80	55.74	0.009116	5.14	82.60	51.63	1.05
Shilo	Shilo	10448.23	P2	328.00	51.01	54.00	54.22	55.30	0.010608	5.07	64.69	30.40	1.10
Shilo	Shilo	10448.23	P5	240.00	51.01	53.66	53.66	54.63	0.008999	4.37	54.93	28.27	1.00
Shilo	Shilo	10448.23	P10	176.00	51.01	53.24	53.24	54.07	0.009406	4.05	43.47	26.00	1.00
Shilo	Shilo	10368.23	P1	400.00	50.33	53.05	53.48	54.75	0.014755	5.78	69.21	34.36	1.30
Shilo	Shilo	10368.23	P2	328.00	50.33	52.79	53.15	54.28	0.014474	5.42	60.57	32.72	1.27
Shilo	Shilo	10368.23	P5	240.00	50.33	52.39	52.69	53.66	0.014941	4.99	48.13	30.20	1.26
Shilo	Shilo	10368.23	P10	176.00	50.33	52.09	52.30	53.11	0.014480	4.48	39.24	28.25	1.21

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	10331.17	P1	400.00	49.94	53.88	53.13	54.52	0.003437	3.58	126.43	103.00	0.66
Shilo	Shilo	10331.17	P2	328.00	49.94	53.29	52.78	53.99	0.004681	3.73	87.97	35.18	0.75
Shilo	Shilo	10331.17	P5	240.00	49.94	52.64	52.31	53.31	0.005592	3.62	66.30	31.80	0.80
Shilo	Shilo	10331.17	P10	176.00	49.94	52.18	51.91	52.76	0.005977	3.37	52.21	29.40	0.81
Shilo	Shilo	10296.44	P1	400.00	49.62	53.41	52.88	54.33	0.004282	4.27	97.41	34.95	0.75
Shilo	Shilo	10296.44	P2	328.00	49.62	52.96	52.54	53.80	0.004742	4.08	82.27	32.85	0.77
Shilo	Shilo	10296.44	P5	240.00	49.62	52.36	52.07	53.10	0.005724	3.81	63.24	29.99	0.82
Shilo	Shilo	10296.44	P10	176.00	49.62	51.87	51.67	52.52	0.006768	3.58	49.14	27.67	0.86
Shilo	Shilo	10267.39	P1	400.00	49.14	53.29	52.63	54.20	0.004409	4.21	95.03	28.71	0.74
Shilo	Shilo	10267.39	P2	328.00	49.14	52.85	52.25	53.66	0.004492	3.98	82.47	27.77	0.74
Shilo	Shilo	10267.39	P5	240.00	49.14	52.25	51.74	52.92	0.004632	3.63	66.12	26.50	0.73
Shilo	Shilo	10267.39	P10	176.00	49.14	51.77	51.31	52.32	0.004659	3.28	53.69	25.49	0.72
Shilo	Shilo	10255		Bridge									
Shilo	Shilo	10232.9	P1	400.00	48.78	52.88	52.05	53.56	0.003522	3.65	109.67	36.12	0.67
Shilo	Shilo	10232.9	P2	328.00	48.78	52.57	51.70	53.13	0.003195	3.32	98.71	34.81	0.63
Shilo	Shilo	10232.9	P5	240.00	48.78	52.06	51.22	52.50	0.002969	2.95	81.43	32.65	0.60
Shilo	Shilo	10232.9	P10	176.00	48.78	51.61	50.81	51.96	0.002761	2.61	67.39	30.79	0.56
Shilo	Shilo	10205.27	P1	400.00	48.81	52.78	52.10	53.45	0.003945	3.61	110.74	42.90	0.70
Shilo	Shilo	10205.27	P2	328.00	48.81	52.47	51.76	53.04	0.003712	3.35	98.02	38.99	0.67
Shilo	Shilo	10205.27	P5	240.00	48.81	51.90	51.29	52.40	0.003868	3.11	77.09	35.30	0.67
Shilo	Shilo	10205.27	P10	176.00	48.81	51.44	50.90	51.86	0.003916	2.86	61.47	32.27	0.66
Shilo	Shilo	10168.23	P1	400.00	48.38	52.83	51.67	53.24	0.002127	2.87	153.97	64.52	0.53
Shilo	Shilo	10168.23	P2	328.00	48.38	52.49	51.34	52.85	0.002058	2.68	132.51	61.63	0.51
Shilo	Shilo	10168.23	P5	240.00	48.38	51.90	50.88	52.22	0.002242	2.51	97.43	56.58	0.52
Shilo	Shilo	10168.23	P10	176.00	48.38	51.42	50.49	51.69	0.002237	2.29	76.82	37.19	0.51
Shilo	Shilo	10048.23	P1	400.00	47.67	51.66	51.66	52.68	0.007429	4.50	94.88	61.20	0.94
Shilo	Shilo	10048.23	P2	328.00	47.67	51.25	51.24	52.28	0.008462	4.48	73.50	40.87	0.99
Shilo	Shilo	10048.23	P5	240.00	47.67	50.86	50.73	51.67	0.007538	3.98	60.27	31.39	0.92
Shilo	Shilo	10048.23	P10	176.00	47.67	50.32	50.27	51.11	0.008663	3.94	44.63	26.16	0.96
Shilo	Shilo	9928.234	P1	400.00	46.56	50.94	50.64	51.75	0.005321	4.01	111.07	84.19	0.81
Shilo	Shilo	9928.234	P2	328.00	46.56	50.77	50.28	51.41	0.004410	3.54	98.28	58.81	0.73
Shilo	Shilo	9928.234	P5	240.00	46.56	50.50	49.65	50.94	0.003391	2.93	83.81	48.72	0.63
Shilo	Shilo	9928.234	P10	176.00	46.56	49.95	49.20	50.36	0.003243	2.81	62.60	28.91	0.61
Shilo	Shilo	9808.234	P1	400.00	46.09	50.46	50.46	51.10	0.004470	3.73	165.48	258.67	0.74
Shilo	Shilo	9808.234	P2	328.00	46.09	50.20	50.20	50.85	0.004901	3.64	119.84	227.66	0.76
Shilo	Shilo	9808.234	P5	240.00	46.09	49.51	49.34	50.29	0.007511	3.92	61.20	32.30	0.91
Shilo	Shilo	9808.234	P10	176.00	46.09	48.98	48.79	49.72	0.007500	3.81	46.14	25.19	0.90
Shilo	Shilo	9688.234	P1	400.00	45.22	50.25	49.33	50.58	0.001703	2.83	264.87	312.22	0.48
Shilo	Shilo	9688.234	P2	328.00	45.22	49.68	48.86	50.18	0.002818	3.24	152.89	262.77	0.60
Shilo	Shilo	9688.234	P5	240.00	45.22	49.03	48.34	49.57	0.003783	3.25	73.90	30.57	0.67
Shilo	Shilo	9688.234	P10	176.00	45.22	48.55	47.90	48.99	0.003675	2.94	59.79	28.13	0.64
Shilo	Shilo	9608.234	P1	400.00	44.86	48.95	48.95	50.15	0.008294	4.85	82.80	39.15	0.99
Shilo	Shilo	9608.234	P2	328.00	44.86	48.57	48.57	49.69	0.008633	4.68	70.14	31.45	1.00
Shilo	Shilo	9608.234	P5	240.00	44.86	48.05	48.05	49.03	0.009027	4.39	54.66	27.90	1.00
Shilo	Shilo	9608.234	P10	176.00	44.86	47.61	47.61	48.46	0.009380	4.10	42.93	25.03	1.00
Shilo	Shilo	9505.709	P1	400.00	42.00	44.30	45.42	48.00	0.043797	8.51	46.98	29.66	2.16
Shilo	Shilo	9505.709	P2	328.00	42.00	44.06	45.09	47.49	0.047083	8.20	39.99	28.25	2.20
Shilo	Shilo	9505.709	P5	240.00	42.00	43.74	44.63	46.77	0.052817	7.72	31.10	26.30	2.27
Shilo	Shilo	9505.709	P10	176.00	42.00	43.46	44.24	46.15	0.056789	7.27	24.20	23.65	2.29
Shilo	Shilo	9424.756	P1	373.00	42.00	46.17	45.51	46.91	0.004206	3.80	98.16	35.02	0.72
Shilo	Shilo	9424.756	P2	301.00	42.00	45.80	45.12	46.43	0.004000	3.52	85.41	32.90	0.70
Shilo	Shilo	9424.756	P5	212.00	42.00	45.24	44.57	45.73	0.003707	3.12	67.95	29.74	0.66
Shilo	Shilo	9424.756	P10	147.00	42.00	44.73	44.08	45.12	0.003430	2.74	53.62	26.94	0.62
Shilo	Shilo	9358.582	P1	373.00	42.00	45.29	45.29	46.44	0.008452	4.75	78.55	34.23	1.00
Shilo	Shilo	9358.582	P2	301.00	42.00	44.92	44.92	45.97	0.008679	4.54	66.37	31.63	1.00
Shilo	Shilo	9358.582	P5	212.00	42.00	44.39	44.39	45.29	0.009117	4.19	50.55	28.16	1.00
Shilo	Shilo	9358.582	P10	147.00	42.00	43.93	43.93	44.69	0.009634	3.85	38.15	25.21	1.00
Shilo	Shilo	9289.281	P1	373.00	40.00	44.95	44.37	45.71	0.004652	3.84	97.04	36.78	0.76
Shilo	Shilo	9289.281	P2	301.00	40.00	44.54	43.95	45.22	0.004598	3.65	82.39	33.39	0.74
Shilo	Shilo	9289.281	P5	212.00	40.00	43.87	43.36	44.47	0.004669	3.42	61.94	27.96	0.73
Shilo	Shilo	9289.281	P10	147.00	40.00	43.33	42.85	43.81	0.004512	3.07	47.82	24.77	0.71
Shilo	Shilo	9217.253	P1	373.00	40.00	44.77	43.88	45.31	0.003995	3.28	113.57	49.17	0.69
Shilo	Shilo	9217.253	P2	301.00	40.00	44.33	43.46	44.85	0.003873	3.21	93.77	40.89	0.68
Shilo	Shilo	9217.253	P5	212.00	40.00	43.68	42.89	44.13	0.003274	2.99	71.00	30.20	0.62
Shilo	Shilo	9217.253	P10	147.00	40.00	43.14	42.39	43.50	0.003069	2.64	55.66	27.19	0.59
Shilo	Shilo	9157.148	P1	373.00	40.00	44.57	43.50	45.09	0.003139	3.22	116.01	45.58	0.63
Shilo	Shilo	9157.148	P2	301.00	40.00	44.16	43.12	44.63	0.002920	3.03	99.38	38.10	0.60
Shilo	Shilo	9157.148	P5	212.00	40.00	43.55	42.56	43.92	0.002567	2.71	78.28	32.15	0.55
Shilo	Shilo	9157.148	P10	147.00	40.00	43.02	42.07	43.31	0.002311	2.36	62.20	29.03	0.52

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	9091.73	P1	373.00	40.00	44.37	43.26	44.91	0.002528	3.26	119.33	53.42	0.58
Shilo	Shilo	9091.73	P2	301.00	40.00	43.99	42.88	44.44	0.002503	2.99	101.39	41.32	0.56
Shilo	Shilo	9091.73	P5	212.00	40.00	43.41	42.37	43.76	0.002275	2.61	81.15	32.05	0.52
Shilo	Shilo	9091.73	P10	147.00	40.00	42.90	41.92	43.16	0.002025	2.25	65.43	29.83	0.48
Shilo	Shilo	9062.37	P1	373.00	40.00	44.30	43.18	44.83	0.002570	3.24	119.17	52.14	0.58
Shilo	Shilo	9062.37	P2	301.00	40.00	43.92	42.82	44.37	0.002438	2.97	101.84	39.92	0.55
Shilo	Shilo	9062.37	P5	212.00	40.00	43.34	42.30	43.69	0.002248	2.59	81.93	32.58	0.52
Shilo	Shilo	9062.37	P10	147.00	40.00	42.84	41.86	43.10	0.001995	2.22	66.16	30.37	0.48
Shilo	Shilo	8991.46	P1	373.00	40.00	44.14	43.01	44.63	0.002581	3.11	125.93	63.45	0.58
Shilo	Shilo	8991.46	P2	301.00	40.00	43.77	42.65	44.19	0.002424	2.87	104.89	45.32	0.55
Shilo	Shilo	8991.46	P5	212.00	40.00	43.20	42.15	43.52	0.002200	2.52	84.28	34.53	0.51
Shilo	Shilo	8991.46	P10	147.00	40.00	42.71	41.71	42.95	0.001921	2.16	68.20	31.89	0.47
Shilo	Shilo	8933.697	P1	373.00	40.00	44.08	43.03	44.44	0.002361	2.66	145.33	82.05	0.54
Shilo	Shilo	8933.697	P2	301.00	40.00	43.67	42.67	44.01	0.002663	2.57	117.01	55.68	0.56
Shilo	Shilo	8933.697	P5	212.00	40.00	43.07	42.11	43.37	0.002722	2.43	87.26	44.73	0.56
Shilo	Shilo	8933.697	P10	147.00	40.00	42.59	41.67	42.83	0.002374	2.18	67.50	36.71	0.51
Shilo	Shilo	8878.912	P1	373.00	40.00	43.78	42.77	44.27	0.002889	3.09	120.77	44.84	0.60
Shilo	Shilo	8878.912	P2	301.00	40.00	43.44	42.43	43.85	0.002567	2.84	106.16	40.98	0.56
Shilo	Shilo	8878.912	P5	212.00	40.00	42.92	41.94	43.23	0.002293	2.47	85.88	37.55	0.52
Shilo	Shilo	8878.912	P10	147.00	40.00	42.48	41.54	42.70	0.001968	2.11	69.81	34.59	0.47
Shilo	Shilo	8810.013	P1	373.00	40.00	43.68	42.81	44.03	0.002520	2.65	155.96	183.34	0.55
Shilo	Shilo	8810.013	P2	301.00	40.00	43.28	42.47	43.63	0.003103	2.60	115.67	129.43	0.60
Shilo	Shilo	8810.013	P5	212.00	40.00	42.73	41.92	43.05	0.003246	2.48	85.49	48.78	0.60
Shilo	Shilo	8810.013	P10	147.00	40.00	42.28	41.53	42.54	0.002804	2.24	65.66	39.02	0.55
Shilo	Shilo	8720.735	P1	373.00	39.71	43.58	42.63	43.82	0.001538	2.33	234.71	194.24	0.45
Shilo	Shilo	8720.735	P2	301.00	39.71	43.12	42.34	43.38	0.001959	2.39	169.84	162.27	0.49
Shilo	Shilo	8720.735	P5	212.00	39.71	42.46	41.84	42.77	0.002988	2.47	96.07	109.04	0.58
Shilo	Shilo	8720.735	P10	147.00	39.71	41.95	41.47	42.24	0.003812	2.39	61.55	42.15	0.63
Shilo	Shilo	8646.087	P1	373.00	39.13	43.23	42.19	43.65	0.002206	2.91	145.82	145.23	0.54
Shilo	Shilo	8646.087	P2	301.00	39.13	42.82	41.87	43.20	0.002328	2.77	117.80	106.96	0.54
Shilo	Shilo	8646.087	P5	212.00	39.13	42.24	41.40	42.56	0.002468	2.51	86.22	59.28	0.54
Shilo	Shilo	8646.087	P10	147.00	39.13	41.73	40.99	41.99	0.002614	2.25	65.23	36.51	0.54
Shilo	Shilo	8572.867	P1	373.00	38.88	43.13	41.75	43.48	0.001638	2.67	150.07	90.41	0.47
Shilo	Shilo	8572.867	P2	301.00	38.88	42.73	41.45	43.03	0.001597	2.46	129.98	76.30	0.46
Shilo	Shilo	8572.867	P5	212.00	38.88	42.15	41.00	42.39	0.001546	2.16	101.93	59.95	0.44
Shilo	Shilo	8572.867	P10	147.00	38.88	41.64	40.62	41.82	0.001528	1.89	79.12	42.09	0.42
Shilo	Shilo	8526.087	P1	373.00	38.83	42.92	41.93	43.37	0.002228	3.03	137.08	74.16	0.55
Shilo	Shilo	8526.087	P2	301.00	38.83	42.53	41.64	42.92	0.002312	2.82	115.51	68.81	0.54
Shilo	Shilo	8526.087	P5	212.00	38.83	41.95	41.14	42.28	0.002548	2.54	87.53	45.98	0.55
Shilo	Shilo	8526.087	P10	147.00	38.83	41.43	40.70	41.71	0.002771	2.32	64.80	40.93	0.55
Shilo	Shilo	8474.48	P1	373.00	38.17	42.94	41.83	43.21	0.001487	2.55	212.19	126.22	0.45
Shilo	Shilo	8474.48	P2	301.00	38.17	42.51	41.58	42.76	0.001647	2.45	172.67	113.46	0.46
Shilo	Shilo	8474.48	P5	212.00	38.17	41.89	41.20	42.13	0.002023	2.34	123.15	96.70	0.49
Shilo	Shilo	8474.48	P10	147.00	38.17	41.30	40.64	41.56	0.002578	2.34	80.98	75.82	0.54
Shilo	Shilo	8414.314	P1	373.00	37.80	42.57	41.72	43.05	0.002601	3.29	143.65	75.42	0.58
Shilo	Shilo	8414.314	P2	301.00	37.80	42.18	41.42	42.61	0.002585	3.08	123.38	72.54	0.57
Shilo	Shilo	8414.314	P5	212.00	37.80	41.59	40.98	41.96	0.002698	2.81	93.42	68.37	0.57
Shilo	Shilo	8414.314	P10	147.00	37.80	41.03	40.44	41.37	0.003123	2.63	65.31	64.50	0.59
Shilo	Shilo	8378.386	P1	373.00	37.44	41.72	41.72	42.79	0.007116	4.66	91.62	50.86	0.93
Shilo	Shilo	8378.386	P2	301.00	37.44	41.37	41.37	42.35	0.007535	4.43	74.48	46.49	0.94
Shilo	Shilo	8378.386	P5	212.00	37.44	40.82	40.82	41.70	0.008982	4.16	51.64	33.10	0.99
Shilo	Shilo	8378.386	P10	147.00	37.44	40.30	40.30	41.10	0.009647	3.95	37.17	23.28	1.00
Shilo	Shilo	8361.441	P1	373.00	36.85	41.00	41.35	42.53	0.014384	5.48	68.13	35.09	1.25
Shilo	Shilo	8361.441	P2	301.00	36.85	40.63	41.02	42.09	0.013950	5.35	56.25	29.16	1.23
Shilo	Shilo	8361.441	P5	212.00	36.85	40.00	40.37	41.41	0.013918	5.26	40.29	21.19	1.22
Shilo	Shilo	8361.441	P10	147.00	36.85	39.35	39.73	40.76	0.017750	5.26	27.93	17.70	1.34
Shilo	Shilo	8336.293	P1	373.00	36.19	39.19	40.10	41.86	0.021945	7.24	51.54	23.61	1.56
Shilo	Shilo	8336.293	P2	301.00	36.19	40.65	39.65	41.17	0.003171	3.19	94.36	34.78	0.62
Shilo	Shilo	8336.293	P5	212.00	36.19	40.28	39.00	40.62	0.002300	2.59	81.95	32.51	0.52
Shilo	Shilo	8336.293	P10	147.00	36.19	39.83	38.48	40.07	0.001800	2.16	67.99	29.35	0.45
Shilo	Shilo	8298.911		Bridge									
Shilo	Shilo	8258.108	P1	373.00	35.93	40.64	39.73	41.25	0.003001	3.49	111.81	44.47	0.63
Shilo	Shilo	8258.108	P2	301.00	35.93	40.44	39.34	40.90	0.002388	3.01	103.74	42.80	0.55
Shilo	Shilo	8258.108	P5	212.00	35.93	40.15	38.78	40.43	0.001618	2.35	92.21	40.46	0.45
Shilo	Shilo	8258.108	P10	147.00	35.93	39.74	38.28	39.92	0.001276	1.92	76.68	33.18	0.39
Shilo	Shilo	8189.097	P1	373.00	36.13	40.68	39.03	40.98	0.001512	2.44	152.66	48.89	0.44
Shilo	Shilo	8189.097	P2	301.00	36.13	40.47	38.71	40.69	0.001184	2.11	142.36	47.14	0.39
Shilo	Shilo	8189.097	P5	212.00	36.13	40.16	38.26	40.30	0.000781	1.65	128.43	45.13	0.31
Shilo	Shilo	8189.097	P10	147.00	36.13	39.74	37.89	39.83	0.000583	1.34	109.77	42.43	0.27



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Shilo	Shilo	8152.549	P1	373.00	36.07	40.66	39.68	40.91	0.001387	2.39	249.00	194.59	0.43
Shilo	Shilo	8152.549	P2	301.00	36.07	40.43	39.27	40.64	0.001270	2.18	212.15	181.44	0.41
Shilo	Shilo	8152.549	P5	212.00	36.07	40.10	38.85	40.26	0.001062	1.84	161.30	163.25	0.36
Shilo	Shilo	8152.549	P10	147.00	36.07	39.65	38.45	39.79	0.001106	1.65	97.70	98.03	0.36
Shilo	Shilo	8114.344	P1	373.00	35.97	40.33	40.11	40.78	0.003545	3.20	178.87	221.62	0.66
Shilo	Shilo	8114.344	P2	301.00	35.97	40.11	39.57	40.52	0.003524	3.00	140.98	153.05	0.64
Shilo	Shilo	8114.344	P5	212.00	35.97	39.88	39.05	40.18	0.002571	2.47	112.01	136.66	0.55
Shilo	Shilo	8114.344	P10	147.00	35.97	39.45	38.56	39.71	0.002508	2.25	65.39	35.34	0.53
Shilo	Shilo	8014.512	P1	373.00	35.20	39.76	39.76	40.36	0.004358	3.94	181.48	183.15	0.74
Shilo	Shilo	8014.512	P2	301.00	35.20	39.56	39.56	40.12	0.004144	3.66	151.00	174.51	0.71
Shilo	Shilo	8014.512	P5	212.00	35.20	39.12	39.12	39.75	0.005196	3.64	78.97	96.24	0.78
Shilo	Shilo	8014.512	P10	147.00	35.20	38.35	38.33	39.16	0.009132	3.99	36.89	21.89	0.98
Shilo	Shilo	7916.574	P1	373.00	34.71	38.96	38.92	39.51	0.003962	3.82	196.16	201.43	0.71
Shilo	Shilo	7916.574	P2	301.00	34.71	38.33	38.71	39.46	0.009136	4.92	84.24	84.01	1.04
Shilo	Shilo	7916.574	P5	212.00	34.71	37.88	38.22	38.96	0.010855	4.64	51.07	57.98	1.09
Shilo	Shilo	7916.574	P10	147.00	34.71	38.14	37.57	38.50	0.003126	2.72	69.43	81.14	0.60
Shilo	Shilo	7826.345	P1	373.00	34.42	38.92	38.41	39.15	0.001936	2.76	321.27	280.58	0.50
Shilo	Shilo	7826.345	P2	301.00	34.42	38.57	38.22	38.85	0.002410	2.85	233.56	228.17	0.55
Shilo	Shilo	7826.345	P5	212.00	34.42	38.14	37.95	38.44	0.002843	2.78	148.19	174.38	0.58
Shilo	Shilo	7826.345	P10	147.00	34.42	37.46	37.32	38.06	0.006275	3.47	46.87	49.09	0.83
Shilo	Shilo	7704.361	P1	373.00	33.62	37.92	37.92	38.71	0.005111	4.20	145.96	156.18	0.80
Shilo	Shilo	7704.361	P2	301.00	33.62	37.78	37.78	38.42	0.004295	3.72	124.17	148.40	0.73
Shilo	Shilo	7704.361	P5	212.00	33.62	37.08	36.94	37.85	0.007145	3.90	55.42	38.14	0.89
Shilo	Shilo	7704.361	P10	147.00	33.62	36.64	36.45	37.26	0.006989	3.47	42.42	25.74	0.86
Shilo	Shilo	7637.907	P1	373.00	33.21	37.61	37.38	38.23	0.004169	3.66	152.40	151.69	0.72
Shilo	Shilo	7637.907	P2	301.00	33.21	37.36	36.95	37.92	0.003949	3.40	118.10	118.04	0.69
Shilo	Shilo	7637.907	P5	212.00	33.21	36.98	36.40	37.40	0.003354	2.90	85.15	66.75	0.63
Shilo	Shilo	7637.907	P10	147.00	33.21	36.45	35.91	36.82	0.003843	2.71	55.63	43.98	0.65
Shilo	Shilo	7491.209	P1	373.00	32.58	37.40	36.96	37.71	0.001962	2.79	291.03	387.21	0.51
Shilo	Shilo	7491.209	P2	301.00	32.58	37.04	36.64	37.40	0.002437	2.86	176.64	187.54	0.55
Shilo	Shilo	7491.209	P5	212.00	32.58	36.42	35.78	36.87	0.003726	2.98	75.35	52.66	0.66
Shilo	Shilo	7491.209	P10	147.00	32.58	35.86	35.30	36.25	0.003892	2.77	52.98	28.98	0.66
Shilo	Shilo	7314.221	P1	373.00	31.54	36.41	35.91	37.14	0.004444	3.84	130.80	351.50	0.74
Shilo	Shilo	7314.221	P2	301.00	31.54	36.21	35.51	36.82	0.003940	3.45	87.26	40.56	0.69
Shilo	Shilo	7314.221	P5	212.00	31.54	35.90	34.93	36.29	0.002750	2.76	76.83	32.61	0.57
Shilo	Shilo	7314.221	P10	147.00	31.54	35.38	34.41	35.68	0.002428	2.41	61.07	28.69	0.53
Shilo	Shilo	7159.674	P1	373.00	31.04	35.86	35.86	36.45	0.003822	3.77	185.92	355.77	0.70
Shilo	Shilo	7159.674	P2	301.00	31.04	35.62	35.62	36.20	0.003907	3.61	142.31	309.53	0.69
Shilo	Shilo	7159.674	P5	212.00	31.04	35.15	34.73	35.72	0.004335	3.40	73.05	73.96	0.71
Shilo	Shilo	7159.674	P10	147.00	31.04	34.83	34.13	35.22	0.003384	2.78	56.64	47.58	0.62
Shilo	Shilo	7042.193	P1	373.00	30.51	35.01	35.26	35.81	0.006633	4.25	155.57	677.72	0.89
Shilo	Shilo	7042.193	P2	301.00	30.51	34.86	35.09	35.59	0.006228	3.94	118.43	573.72	0.85
Shilo	Shilo	7042.193	P5	212.00	30.51	34.74	34.08	35.20	0.003783	3.06	93.41	518.87	0.66
Shilo	Shilo	7042.193	P10	147.00	30.51	34.53	33.55	34.83	0.002703	2.42	60.71	41.88	0.55
Shilo	Shilo	6905.483	P1	373.00	30.09	34.98	34.70	35.22	0.002039	2.61	303.52	1383.50	0.51
Shilo	Shilo	6905.483	P2	301.00	30.09	34.81	34.35	35.03	0.001919	2.43	256.81	1369.72	0.48
Shilo	Shilo	6905.483	P5	212.00	30.09	34.57	33.53	34.76	0.001697	2.14	189.94	1349.99	0.45
Shilo	Shilo	6905.483	P10	147.00	30.09	34.36	33.01	34.51	0.001373	1.80	133.94	1235.24	0.40
Shilo	Shilo	6787.637	P1	373.00	30.30	34.44	34.44	34.84	0.005086	3.32	225.17	1332.28	0.76
Shilo	Shilo	6787.637	P2	301.00	30.30	34.31	34.31	34.67	0.004700	3.07	191.96	1329.03	0.72
Shilo	Shilo	6787.637	P5	212.00	30.30	34.11	34.11	34.43	0.004306	2.76	139.02	1324.84	0.68
Shilo	Shilo	6787.637	P10	147.00	30.30	33.43	33.30	34.09	0.008063	3.59	41.00	26.25	0.92
Shilo	Shilo	6533.559	P1	373.00	29.11	33.22	33.04	33.57	0.003095	3.10	367.27	878.41	0.62
Shilo	Shilo	6533.559	P2	301.00	29.11	33.05	32.92	33.27	0.002225	2.51	291.78	868.80	0.52
Shilo	Shilo	6533.559	P5	212.00	29.11	32.85	32.22	33.05	0.002024	2.26	210.48	856.66	0.49
Shilo	Shilo	6533.559	P10	147.00	29.11	32.32	31.72	32.67	0.003528	2.62	60.93	88.38	0.62
Shilo	Shilo	6419.833	P1	373.00	28.31	32.74	32.74	33.13	0.003512	3.25	260.73	1556.86	0.66
Shilo	Shilo	6419.833	P2	301.00	28.31	32.60	32.60	32.96	0.003274	3.02	215.77	1556.52	0.63
Shilo	Shilo	6419.833	P5	212.00	28.31	32.31	31.93	32.72	0.003666	2.93	119.62	1492.99	0.65
Shilo	Shilo	6419.833	P10	147.00	28.31	32.00	31.30	32.28	0.002870	2.41	77.60	83.80	0.56
Shilo	Shilo	6327.956	P1	373.00	28.01	32.55	32.42	32.63	0.000923	1.81	880.40	1791.55	0.34
Shilo	Shilo	6327.956	P2	301.00	28.01	32.71	32.03	32.74	0.000311	1.09	1160.61	1798.96	0.20
Shilo	Shilo	6327.956	P5	212.00	28.01	32.14	31.26	32.42	0.002128	2.47	149.20	1772.15	0.51
Shilo	Shilo	6327.956	P10	147.00	28.01	31.84	30.77	32.05	0.001763	2.09	89.35	110.93	0.45
Shilo	Shilo	6191.137	P1	373.00	27.52	32.28	31.94	32.45	0.001486	2.43	665.62	1694.32	0.44
Shilo	Shilo	6191.137	P2	301.00	27.52	32.00	31.73	32.53	0.003392	3.45	192.55	1689.89	0.66
Shilo	Shilo	6191.137	P5	212.00	27.52	31.95	31.15	32.16	0.001455	2.23	168.57	1689.11	0.43
Shilo	Shilo	6191.137	P10	147.00	27.52	31.69	30.47	31.84	0.001151	1.85	130.89	1684.89	0.37
Shilo	Shilo	6074.021	P1	373.00	27.72	32.29	31.95	32.32	0.000415	1.19	1249.62	1842.70	0.23

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	6074.021	P2	301.00	27.72	32.07	31.90	32.12	0.000712	1.47	849.66	1824.76	0.30
Shilo	Shilo	6074.021	P5	212.00	27.72	31.75	31.07	31.96	0.002009	2.25	285.32	1803.18	0.49
Shilo	Shilo	6074.021	P10	147.00	27.72	31.43	30.58	31.64	0.002191	2.12	93.91	164.82	0.50
Shilo	Shilo	5929.045	P1	373.00	27.16	31.44	31.44	32.06	0.005385	3.99	182.56	1713.06	0.81
Shilo	Shilo	5929.045	P2	301.00	27.16	31.37	31.37	31.84	0.004129	3.43	168.41	1708.43	0.70
Shilo	Shilo	5929.045	P5	212.00	27.16	31.08	31.08	31.52	0.004001	3.11	114.49	1690.76	0.68
Shilo	Shilo	5929.045	P10	147.00	27.16	30.43	30.24	31.04	0.006967	3.47	42.41	25.61	0.86
Shilo	Shilo	5779.533	P1	373.00	25.99	30.78	30.54	31.00	0.002370	2.44	377.54	1180.33	0.52
Shilo	Shilo	5779.533	P2	301.00	25.99	30.58	30.39	30.83	0.002772	2.48	218.61	1168.09	0.56
Shilo	Shilo	5779.533	P5	212.00	25.99	30.35	29.72	30.57	0.002519	2.19	156.14	269.96	0.52
Shilo	Shilo	5779.533	P10	147.00	25.99	30.03	29.24	30.25	0.002892	2.09	70.38	49.18	0.55
Shilo	Shilo	5683.129	P1	373.00	26.02	30.27	30.27	30.68	0.003690	3.37	253.09	1350.00	0.67
Shilo	Shilo	5683.129	P2	301.00	26.02	30.14	30.14	30.51	0.003404	3.12	211.95	1350.00	0.64
Shilo	Shilo	5683.129	P5	212.00	26.02	29.88	29.88	30.26	0.003449	2.91	132.86	1249.06	0.63
Shilo	Shilo	5683.129	P10	147.00	26.02	29.44	28.97	29.86	0.004561	2.88	51.02	30.73	0.70
Shilo	Shilo	5600.623	P1	373.00	25.86	30.08	29.84	30.28	0.001954	2.48	508.30	1177.70	0.49
Shilo	Shilo	5600.623	P2	301.00	25.86	29.71	29.70	30.07	0.003462	2.97	208.53	1079.43	0.64
Shilo	Shilo	5600.623	P5	212.00	25.86	29.69	28.98	29.88	0.001785	2.12	203.98	1078.54	0.46
Shilo	Shilo	5600.623	P10	147.00	25.86	29.22	28.54	29.50	0.003030	2.36	62.34	40.38	0.58
Shilo	Shilo	5485.228	P1	373.00	25.14	30.03	29.38	30.09	0.000709	1.68	788.67	1100.00	0.31
Shilo	Shilo	5485.228	P2	301.00	25.14	29.44	29.22	29.69	0.002372	2.67	242.07	1039.64	0.54
Shilo	Shilo	5485.228	P5	212.00	25.14	29.55	28.89	29.69	0.001198	1.96	328.64	1047.20	0.39
Shilo	Shilo	5485.228	P10	147.00	25.14	29.07	28.14	29.21	0.001414	1.85	147.60	1004.91	0.41
Shilo	Shilo	5385.959	P1	373.00	25.19	29.95	29.26	30.02	0.000759	1.66	646.91	1300.00	0.31
Shilo	Shilo	5385.959	P2	301.00	25.19	29.31	29.15	29.50	0.002239	2.40	294.97	1300.00	0.52
Shilo	Shilo	5385.959	P5	212.00	25.19	28.65	28.65	29.33	0.008499	3.69	61.01	977.47	0.95
Shilo	Shilo	5385.959	P10	147.00	25.19	28.18	28.09	28.83	0.008341	3.57	41.20	27.50	0.93
Shilo	Shilo	5265.784	P1	373.00	24.52	29.91	28.38	29.95	0.000371	1.43	951.10	988.47	0.23
Shilo	Shilo	5265.784	P2	301.00	24.52	29.28	28.26	29.34	0.000528	1.52	560.68	988.47	0.27
Shilo	Shilo	5265.784	P5	212.00	24.52	28.71	28.06	28.77	0.000618	1.45	365.26	988.47	0.28
Shilo	Shilo	5265.784	P10	147.00	24.52	28.31	27.76	28.38	0.000815	1.49	240.85	988.47	0.31
Shilo	Shilo	5149.198	P1	373.00	24.30	29.79	28.17	29.88	0.000640	1.73	591.20	1068.93	0.30
Shilo	Shilo	5149.198	P2	301.00	24.30	29.23	28.02	29.28	0.000476	1.33	447.16	1068.93	0.25
Shilo	Shilo	5149.198	P5	212.00	24.30	28.64	27.81	28.69	0.000675	1.35	308.41	1068.93	0.29
Shilo	Shilo	5149.198	P10	147.00	24.30	28.22	27.28	28.28	0.000846	1.33	210.76	723.11	0.31
Shilo	Shilo	5057.341	P1	373.00	22.98	29.75	28.34	29.82	0.000517	1.51	613.10	985.79	0.26
Shilo	Shilo	5057.341	P2	301.00	22.98	29.17	28.20	29.23	0.000580	1.41	425.84	985.79	0.27
Shilo	Shilo	5057.341	P5	212.00	22.98	28.52	27.99	28.61	0.001055	1.59	260.14	985.79	0.35
Shilo	Shilo	5057.341	P10	147.00	22.98	27.81	26.83	28.09	0.003966	2.36	72.72	596.91	0.63
Shilo	Shilo	4996.755	P1	373.00	22.66	29.65	27.82	29.78	0.000507	1.86	343.82	927.11	0.27
Shilo	Shilo	4996.755	P2	301.00	22.66	29.04	27.13	29.18	0.000612	1.87	271.32	927.11	0.29
Shilo	Shilo	4996.755	P5	212.00	22.66	28.43	26.51	28.55	0.000633	1.71	198.47	890.58	0.29
Shilo	Shilo	4996.755	P10	147.00	22.66	27.81	25.99	27.94	0.000732	1.62	125.30	671.25	0.30
Shilo	Shilo	4961.238		Bridge									
Shilo	Shilo	4915.664	P1	373.00	23.45	28.27	28.27	29.03	0.004921	4.20	140.67	679.25	0.79
Shilo	Shilo	4915.664	P2	301.00	23.45	28.02	28.02	28.72	0.004879	3.94	114.73	648.17	0.77
Shilo	Shilo	4915.664	P5	212.00	23.45	27.50	27.40	28.24	0.006193	3.84	61.90	387.59	0.84
Shilo	Shilo	4915.664	P10	147.00	23.45	27.07	26.75	27.65	0.005808	3.36	43.81	24.38	0.79
Shilo	Shilo	4861.506	P1	373.00	23.12	27.67	27.94	28.66	0.007530	4.67	125.47	764.87	0.95
Shilo	Shilo	4861.506	P2	301.00	23.12	27.48	27.72	28.37	0.007068	4.29	97.68	760.27	0.91
Shilo	Shilo	4861.506	P5	212.00	23.12	27.27	26.89	27.87	0.005249	3.48	71.94	261.94	0.77
Shilo	Shilo	4861.506	P10	147.00	23.12	26.85	26.37	27.33	0.004618	3.05	48.17	25.64	0.71
Shilo	Shilo	4766.924	P1	373.00	22.68	27.30	27.28	27.75	0.003616	3.37	219.20	1598.92	0.67
Shilo	Shilo	4766.924	P2	301.00	22.68	27.17	27.09	27.56	0.003208	3.06	184.49	1592.99	0.62
Shilo	Shilo	4766.924	P5	212.00	22.68	27.38	26.23	27.50	0.001001	1.80	237.14	1600.08	0.35
Shilo	Shilo	4766.924	P10	147.00	22.68	26.73	25.74	26.96	0.001944	2.14	91.16	406.64	0.47
Shilo	Shilo	4683.891	P1	373.00	22.77	27.04	27.04	27.42	0.003760	3.31	269.84	1794.49	0.68
Shilo	Shilo	4683.891	P2	301.00	22.77	26.92	26.92	27.26	0.003432	3.06	229.24	1793.13	0.64
Shilo	Shilo	4683.891	P5	212.00	22.77	26.33	26.30	27.17	0.008754	4.06	52.18	32.16	0.98
Shilo	Shilo	4683.891	P10	147.00	22.77	26.13	25.82	26.64	0.005762	3.17	46.36	27.84	0.78
Shilo	Shilo	4588.481	P1	373.00	22.07	26.61	26.40	26.87	0.002925	2.63	265.15	1899.20	0.58
Shilo	Shilo	4588.481	P2	301.00	22.07	26.51	26.13	26.72	0.002445	2.33	236.31	1896.25	0.53
Shilo	Shilo	4588.481	P5	212.00	22.07	26.55	25.85	26.64	0.001116	1.59	245.75	1897.21	0.36
Shilo	Shilo	4588.481	P10	147.00	22.07	26.02	25.46	26.18	0.002153	1.84	104.74	335.64	0.48
Shilo	Shilo	4519.869	P1	373.00	21.56	26.42	26.34	26.69	0.002468	2.93	345.24	1963.80	0.56
Shilo	Shilo	4519.869	P2	301.00	21.56	26.26	26.22	26.54	0.002554	2.86	276.16	1954.20	0.56
Shilo	Shilo	4519.869	P5	212.00	21.56	26.51	25.45	26.57	0.000647	1.53	378.60	1974.71	0.29
Shilo	Shilo	4519.869	P10	147.00	21.56	25.91	25.02	26.07	0.001429	1.95	140.20	1307.07	0.41
Shilo	Shilo	4404.803	P1	373.00	21.53	26.23	26.04	26.42	0.002002	2.61	391.43	1728.24	0.50

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Shilo	Shilo	4404.803	P2	301.00	21.53	25.93	25.93	26.23	0.003039	2.98	266.54	1706.18	0.60
Shilo	Shilo	4404.803	P5	212.00	21.53	25.30	25.30	26.22	0.008990	4.26	50.01	28.64	0.99
Shilo	Shilo	4404.803	P10	147.00	21.53	25.30	24.78	25.74	0.004344	2.96	49.92	28.63	0.69
Shilo	Shilo	4361.762	P1	373.00	21.33	26.13	25.66	26.33	0.001911	2.70	608.79	1517.24	0.49
Shilo	Shilo	4361.762	P2	301.00	21.33	25.88	25.56	25.99	0.001229	2.04	417.77	1502.23	0.39
Shilo	Shilo	4361.762	P5	212.00	21.33	25.54	25.30	25.69	0.001673	2.18	266.01	1473.29	0.45
Shilo	Shilo	4361.762	P10	147.00	21.33	25.40	24.52	25.52	0.001273	1.83	205.58	1447.66	0.39
Shilo	Shilo	4304.59	P1	373.00	20.89	26.15	25.51	26.22	0.000712	1.77	588.20	1965.32	0.31
Shilo	Shilo	4304.59	P2	301.00	20.89	25.84	25.40	25.93	0.000904	1.88	456.38	1956.43	0.34
Shilo	Shilo	4304.59	P5	212.00	20.89	25.48	25.21	25.60	0.001116	1.92	307.09	1674.75	0.37
Shilo	Shilo	4304.59	P10	147.00	20.89	25.37	24.21	25.45	0.000752	1.54	258.33	1670.36	0.30
Shilo	Shilo	4235.896	P1	373.00	20.69	26.13	25.17	26.17	0.000435	1.24	688.86	1474.50	0.24
Shilo	Shilo	4235.896	P2	301.00	20.69	25.82	25.06	25.86	0.000522	1.25	557.16	1473.00	0.25
Shilo	Shilo	4235.896	P5	212.00	20.69	25.47	24.91	25.52	0.000591	1.21	410.84	1461.96	0.26
Shilo	Shilo	4235.896	P10	147.00	20.69	25.36	24.29	25.39	0.000384	0.94	364.95	1458.70	0.21
Shilo	Shilo	4180.111	P1	373.00	20.60	25.99	25.21	26.11	0.001032	2.11	559.81	1922.56	0.37
Shilo	Shilo	4180.111	P2	301.00	20.60	25.75	25.09	25.82	0.000671	1.62	471.72	1916.78	0.29
Shilo	Shilo	4180.111	P5	212.00	20.60	25.40	24.78	25.47	0.000721	1.55	346.57	1900.34	0.30
Shilo	Shilo	4180.111	P10	147.00	20.60	25.32	23.90	25.37	0.000419	1.16	318.97	1897.11	0.23
Shilo	Shilo	4066.953	P1	373.00	19.89	25.45	25.28	25.86	0.002606	3.12	225.45	1914.10	0.57
Shilo	Shilo	4066.953	P2	301.00	19.89	25.24	24.37	25.62	0.002549	2.94	178.20	1214.95	0.56
Shilo	Shilo	4066.953	P5	212.00	19.89	25.02	23.75	25.30	0.001955	2.43	129.45	1214.27	0.48
Shilo	Shilo	4066.953	P10	147.00	19.89	25.20	23.20	25.30	0.000663	1.48	168.50	1214.81	0.29
Shilo	Shilo	3911.558	P1	373.00	19.67	25.47	24.74	25.52	0.000763	1.77	581.88	1934.11	0.30
Shilo	Shilo	3911.558	P2	301.00	19.67	25.24	24.64	25.30	0.000782	1.71	497.89	1927.81	0.30
Shilo	Shilo	3911.558	P5	212.00	19.67	25.00	24.48	25.05	0.000676	1.51	407.79	1920.07	0.28
Shilo	Shilo	3911.558	P10	147.00	19.67	24.10	23.85	24.91	0.006752	4.00	38.24	30.22	0.83
Shilo	Shilo	3752.134	P1	373.00	18.93	25.16	24.81	25.35	0.001249	2.48	403.87	1912.79	0.40
Shilo	Shilo	3752.134	P2	301.00	18.93	24.83	23.84	25.09	0.001619	2.66	286.28	1905.56	0.45
Shilo	Shilo	3752.134	P5	212.00	18.93	24.30	23.14	24.77	0.002674	3.07	71.62	41.23	0.56
Shilo	Shilo	3752.134	P10	147.00	18.93	23.85	22.51	24.17	0.002065	2.49	58.96	24.02	0.49
Shilo	Shilo	3613.123	P1	373.00	18.72	25.01	24.33	25.19	0.001042	2.29	359.75	1202.71	0.37
Shilo	Shilo	3613.123	P2	301.00	18.72	24.67	23.41	24.87	0.001178	2.29	275.12	1201.88	0.39
Shilo	Shilo	3613.123	P5	212.00	18.72	24.18	22.81	24.41	0.001425	2.28	149.21	1200.65	0.42
Shilo	Shilo	3613.123	P10	147.00	18.72	23.66	22.27	23.89	0.001532	2.13	71.99	585.23	0.42
Shilo	Shilo	3516.04	P1	373.00	19.21	25.01	23.24	25.09	0.000457	1.55	507.65	1921.97	0.25
Shilo	Shilo	3516.04	P2	301.00	19.21	24.68	22.94	24.76	0.000488	1.51	408.73	1921.28	0.26
Shilo	Shilo	3516.04	P5	212.00	19.21	24.19	22.47	24.28	0.000566	1.47	260.03	1835.55	0.27
Shilo	Shilo	3516.04	P10	147.00	19.21	23.64	21.96	23.74	0.000713	1.44	127.76	541.21	0.29
Shilo	Shilo	3437.586	P1	373.00	17.98	24.92	22.48	25.05	0.000546	1.69	345.36	545.82	0.28
Shilo	Shilo	3437.586	P2	301.00	17.98	24.61	22.07	24.72	0.000505	1.56	292.47	544.51	0.26
Shilo	Shilo	3437.586	P5	212.00	17.98	24.15	21.49	24.24	0.000442	1.36	213.82	543.15	0.24
Shilo	Shilo	3437.586	P10	147.00	17.98	23.61	21.00	23.69	0.000419	1.21	122.06	47.96	0.23
Shilo	Shilo	3383.033	P1	373.00	17.44	24.68	24.11	24.97	0.001654	2.80	266.85	1431.13	0.42
Shilo	Shilo	3383.033	P2	301.00	17.44	24.33	22.90	24.64	0.001743	2.75	208.16	1427.26	0.43
Shilo	Shilo	3383.033	P5	212.00	17.44	23.83	22.23	24.15	0.001817	2.61	123.36	1426.10	0.43
Shilo	Shilo	3383.033	P10	147.00	17.44	23.36	21.66	23.61	0.001507	2.23	66.15	25.85	0.40
Shilo	Shilo	3357.791	P1	373.00	18.49	24.25	24.01	24.84	0.003901	4.02	170.39	868.65	0.66
Shilo	Shilo	3357.791	P2	301.00	18.49	23.77	23.77	24.48	0.005080	4.21	123.32	826.80	0.74
Shilo	Shilo	3357.791	P5	212.00	18.49	23.36	23.36	24.01	0.004753	3.80	87.71	475.85	0.71
Shilo	Shilo	3357.791	P10	147.00	18.49	22.56	22.30	23.42	0.007524	4.11	35.75	15.43	0.86
Shilo	Shilo	3314.285	P1	373.00	18.70	24.10	23.43	24.68	0.003260	3.44	118.95	161.71	0.64
Shilo	Shilo	3314.285	P2	301.00	18.70	23.66	23.13	24.21	0.003719	3.30	98.07	136.34	0.66
Shilo	Shilo	3314.285	P5	212.00	18.70	23.12	22.56	23.58	0.004255	3.02	71.45	42.51	0.68
Shilo	Shilo	3314.285	P10	147.00	18.70	22.58	21.97	22.99	0.004507	2.81	52.38	30.46	0.68
Shilo	Shilo	3284.505		Bridge									
Shilo	Shilo	3259.496	P1	373.00	18.54	23.31	23.31	24.34	0.006500	4.53	90.71	205.92	0.88
Shilo	Shilo	3259.496	P2	301.00	18.54	22.71	22.59	23.82	0.007555	4.66	64.57	25.75	0.94
Shilo	Shilo	3259.496	P5	212.00	18.54	22.46	21.97	23.13	0.004981	3.64	58.24	24.67	0.76
Shilo	Shilo	3259.496	P10	147.00	18.54	21.99	21.39	22.48	0.004226	3.12	47.18	22.35	0.68
Shilo	Shilo	3229.401	P1	373.00	18.30	22.15	22.69	23.89	0.019465	5.83	63.94	37.95	1.43
Shilo	Shilo	3229.401	P2	301.00	18.30	22.92	22.37	23.41	0.004036	3.11	98.13	388.63	0.68
Shilo	Shilo	3229.401	P5	212.00	18.30	22.51	21.87	22.88	0.003762	2.70	78.40	43.07	0.64
Shilo	Shilo	3229.401	P10	147.00	18.30	21.96	21.09	22.30	0.004075	2.59	56.70	35.10	0.65
Shilo	Shilo	3197.44	P1	373.00	17.93	23.33	22.22	23.51	0.000959	2.15	288.62	598.92	0.36
Shilo	Shilo	3197.44	P2	301.00	17.93	23.06	21.67	23.22	0.000891	1.97	249.86	562.04	0.35
Shilo	Shilo	3197.44	P5	212.00	17.93	22.60	21.13	22.74	0.000880	1.77	183.38	488.67	0.34
Shilo	Shilo	3197.44	P10	147.00	17.93	22.01	20.66	22.16	0.001161	1.73	103.74	384.48	0.37
Shilo	Shilo	3110.998	P1	373.00	18.01	22.83	22.57	23.31	0.003191	3.34	181.76	422.71	0.64

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Shilo	Shilo	3110.998	P2	301.00	18.01	22.52	22.31	23.01	0.003575	3.26	132.70	337.03	0.66
Shilo	Shilo	3110.998	P5	212.00	18.01	22.04	21.40	22.53	0.003822	3.09	74.26	329.11	0.67
Shilo	Shilo	3110.998	P10	147.00	18.01	21.58	20.88	21.95	0.003496	2.70	54.37	28.32	0.62
Shilo	Shilo	3035.254	P1	373.00	17.54	22.80	22.17	23.05	0.001598	2.66	283.66	744.56	0.46
Shilo	Shilo	3035.254	P2	301.00	17.54	22.46	21.94	22.73	0.001830	2.65	216.31	692.72	0.48
Shilo	Shilo	3035.254	P5	212.00	17.54	21.90	21.23	22.23	0.002491	2.71	119.75	533.48	0.54
Shilo	Shilo	3035.254	P10	147.00	17.54	21.26	20.56	21.66	0.003938	2.83	53.35	499.02	0.65
Shilo	Shilo	2980.977	P1	373.00	17.31	22.22	21.96	22.85	0.003494	3.94	171.25	395.33	0.67
Shilo	Shilo	2980.977	P2	301.00	17.31	21.91	21.78	22.53	0.003622	3.77	130.37	318.56	0.67
Shilo	Shilo	2980.977	P5	212.00	17.31	21.50	20.86	22.03	0.003452	3.36	89.38	309.97	0.64
Shilo	Shilo	2980.977	P10	147.00	17.31	21.00	20.24	21.46	0.003340	3.01	51.78	30.56	0.62
Shilo	Shilo	2863.746	P1	373.00	16.81	22.13	21.65	22.44	0.001829	2.97	254.68	516.40	0.49
Shilo	Shilo	2863.746	P2	301.00	16.81	21.76	20.88	22.10	0.002110	2.97	197.79	499.20	0.52
Shilo	Shilo	2863.746	P5	212.00	16.81	21.15	20.54	21.63	0.003201	3.18	102.49	471.81	0.62
Shilo	Shilo	2863.746	P10	147.00	16.81	20.59	19.95	21.04	0.003683	2.98	51.75	34.11	0.64
Shilo	Shilo	2789.162	P1	373.00	16.69	22.12	21.02	22.30	0.000918	2.22	300.23	323.42	0.36
Shilo	Shilo	2789.162	P2	301.00	16.69	21.77	20.31	21.94	0.000927	2.10	250.98	321.57	0.35
Shilo	Shilo	2789.162	P5	212.00	16.69	21.21	19.69	21.38	0.001040	1.99	173.33	318.62	0.36
Shilo	Shilo	2789.162	P10	147.00	16.69	20.59	19.17	20.79	0.001317	2.00	89.49	315.13	0.40
Shilo	Shilo	2673.175	P1	373.00	15.22	21.92	20.88	22.17	0.001312	2.54	242.67	269.99	0.41
Shilo	Shilo	2673.175	P2	301.00	15.22	21.59	20.58	21.81	0.001241	2.37	207.96	269.19	0.40
Shilo	Shilo	2673.175	P5	212.00	15.22	21.04	19.49	21.24	0.001239	2.18	151.10	268.02	0.39
Shilo	Shilo	2673.175	P10	147.00	15.22	20.39	18.87	20.62	0.001515	2.16	85.42	266.65	0.42
Shilo	Shilo	2613.921	P1	373.00	15.39	21.45	20.91	22.00	0.002850	3.65	158.39	248.09	0.59
Shilo	Shilo	2613.921	P2	301.00	15.39	21.23	20.58	21.67	0.002364	3.22	142.74	247.87	0.53
Shilo	Shilo	2613.921	P5	212.00	15.39	20.77	19.54	21.12	0.002038	2.80	110.11	247.42	0.49
Shilo	Shilo	2613.921	P10	147.00	15.39	20.14	18.88	20.49	0.002264	2.64	66.13	246.80	0.50
Shilo	Shilo	2535.906	P1	373.00	16.13	21.45	20.82	21.70	0.001869	2.64	244.48	313.31	0.49
Shilo	Shilo	2535.906	P2	301.00	16.13	21.20	20.58	21.43	0.001703	2.46	211.32	311.72	0.46
Shilo	Shilo	2535.906	P5	212.00	16.13	20.68	19.62	20.93	0.001826	2.43	142.99	308.39	0.47
Shilo	Shilo	2535.906	P10	147.00	16.13	19.90	19.00	20.28	0.003063	2.72	54.67	38.46	0.59
Shilo	Shilo	2456.35	P1	373.00	16.39	21.13	20.80	21.52	0.002279	3.19	224.46	436.68	0.55
Shilo	Shilo	2456.35	P2	301.00	16.39	20.56	20.47	21.17	0.003845	3.67	127.02	352.72	0.69
Shilo	Shilo	2456.35	P5	212.00	16.39	19.83	19.49	20.60	0.005716	3.89	55.32	33.00	0.81
Shilo	Shilo	2456.35	P10	147.00	16.39	19.30	18.95	19.91	0.005614	3.45	42.60	21.57	0.78
Shilo	Shilo	2386.377	P1	373.00	14.71	21.21	20.13	21.34	0.000784	1.93	362.33	536.89	0.33
Shilo	Shilo	2386.377	P2	301.00	14.71	20.72	19.89	20.87	0.001028	2.01	275.72	536.89	0.36
Shilo	Shilo	2386.377	P5	212.00	14.71	19.85	18.97	20.16	0.002563	2.55	120.12	379.94	0.54
Shilo	Shilo	2386.377	P10	147.00	14.71	19.11	18.32	19.50	0.003793	2.78	52.95	27.69	0.64
Shilo	Shilo	2354.306	P1	373.00	14.70	21.18	19.74	21.32	0.000631	2.01	364.67	563.33	0.30
Shilo	Shilo	2354.306	P2	301.00	14.70	20.70	19.23	20.84	0.000717	1.98	292.72	563.33	0.32
Shilo	Shilo	2354.306	P5	212.00	14.70	19.87	18.70	20.06	0.001145	2.14	168.69	554.54	0.38
Shilo	Shilo	2354.306	P10	147.00	14.70	19.12	18.06	19.36	0.001775	2.23	85.50	67.43	0.46
Shilo	Shilo	2318.568	P1	373.00	14.66	21.20	19.11	21.28	0.000363	1.44	399.19	544.73	0.23
Shilo	Shilo	2318.568	P2	301.00	14.66	20.72	18.69	20.80	0.000396	1.39	329.69	544.73	0.23
Shilo	Shilo	2318.568	P5	212.00	14.66	19.90	17.92	19.99	0.000580	1.41	210.45	370.65	0.27
Shilo	Shilo	2318.568	P10	147.00	14.66	19.15	17.39	19.26	0.000990	1.49	111.32	237.23	0.34
Shilo	Shilo	2299.984		Bridge									
Shilo	Shilo	2285.863	P1	373.00	14.71	20.64	18.71	20.99	0.001495	2.67	159.75	450.34	0.45
Shilo	Shilo	2285.863	P2	301.00	14.71	20.34	18.27	20.63	0.001327	2.38	138.66	448.44	0.41
Shilo	Shilo	2285.863	P5	212.00	14.71	19.70	17.66	19.92	0.001368	2.10	101.83	40.61	0.41
Shilo	Shilo	2285.863	P10	147.00	14.71	19.05	17.12	19.22	0.000961	1.84	79.83	26.88	0.34
Shilo	Shilo	2253.26	P1	373.00	13.89	20.69	18.13	20.90	0.000937	2.03	188.56	450.38	0.35
Shilo	Shilo	2253.26	P2	301.00	13.89	20.38	17.73	20.55	0.000845	1.81	167.96	443.39	0.33
Shilo	Shilo	2253.26	P5	212.00	13.89	19.72	17.16	19.85	0.000780	1.61	131.96	50.10	0.31
Shilo	Shilo	2253.26	P10	147.00	13.89	19.06	16.66	19.17	0.000582	1.41	104.33	36.88	0.27
Shilo	Shilo	2217.227	P1	373.00	13.41	20.37	19.15	20.80	0.001930	3.06	170.22	424.72	0.50
Shilo	Shilo	2217.227	P2	301.00	13.41	20.11	18.65	20.46	0.001714	2.74	145.81	422.05	0.47
Shilo	Shilo	2217.227	P5	212.00	13.41	19.44	17.91	19.77	0.001994	2.57	83.99	37.83	0.49
Shilo	Shilo	2217.227	P10	147.00	13.41	18.85	17.29	19.10	0.001808	2.24	65.77	26.50	0.45
Shilo	Shilo	2174.884	P1	373.00	13.46	19.72	19.72	20.59	0.004635	4.39	127.99	398.52	0.75
Shilo	Shilo	2174.884	P2	301.00	13.46	19.30	19.02	20.23	0.005243	4.36	87.94	76.11	0.78
Shilo	Shilo	2174.884	P5	212.00	13.46	19.01	18.19	19.61	0.003647	3.46	67.27	67.76	0.65
Shilo	Shilo	2174.884	P10	147.00	13.46	18.55	17.54	18.97	0.002996	2.88	52.04	27.90	0.57
Shilo	Shilo	2130.5	P1	373.00	13.50	19.86	19.51	20.19	0.002200	3.07	246.34	615.05	0.52
Shilo	Shilo	2130.5	P2	301.00	13.50	19.43	19.30	19.87	0.002890	3.30	175.00	538.41	0.59
Shilo	Shilo	2130.5	P5	212.00	13.50	18.86	18.16	19.43	0.003776	3.42	82.91	98.11	0.66
Shilo	Shilo	2130.5	P10	147.00	13.50	18.35	17.51	18.81	0.003643	3.03	49.38	42.99	0.63
Shilo	Shilo	2070.011	P1	373.00	13.67	19.81	18.77	20.06	0.001264	2.51	282.27	589.68	0.42

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Shilo	Shilo	2070.011	P2	301.00	13.67	19.39	18.22	19.68	0.001575	2.58	200.27	576.60	0.45
Shilo	Shilo	2070.011	P5	212.00	13.67	18.87	17.69	19.17	0.001784	2.45	99.55	83.03	0.47
Shilo	Shilo	2070.011	P10	147.00	13.67	18.34	17.12	18.57	0.001747	2.13	69.14	30.96	0.45
Shilo	Shilo	1994.606	P1	373.00	13.67	19.76	18.18	19.96	0.000920	2.12	275.77	565.30	0.36
Shilo	Shilo	1994.606	P2	301.00	13.67	19.35	17.78	19.55	0.001035	2.08	213.04	546.52	0.37
Shilo	Shilo	1994.606	P5	212.00	13.67	18.84	17.21	19.02	0.001096	1.90	135.83	402.58	0.37
Shilo	Shilo	1994.606	P10	147.00	13.67	18.29	16.71	18.43	0.001165	1.70	86.56	40.92	0.37
Shilo	Shilo	1958.698	P1	373.00	13.22	19.68	18.00	19.91	0.001066	2.32	249.55	600.08	0.38
Shilo	Shilo	1958.698	P2	301.00	13.22	19.26	17.54	19.50	0.001174	2.25	192.60	572.38	0.39
Shilo	Shilo	1958.698	P5	212.00	13.22	18.77	16.86	18.97	0.001158	2.01	125.30	496.18	0.38
Shilo	Shilo	1958.698	P10	147.00	13.22	18.24	16.28	18.39	0.001061	1.74	84.59	34.48	0.35
Shilo	Shilo	1921.512	P1	373.00	13.22	19.54	18.07	19.85	0.001363	2.60	194.70	729.90	0.43
Shilo	Shilo	1921.512	P2	301.00	13.22	19.17	17.60	19.44	0.001356	2.41	162.43	715.85	0.42
Shilo	Shilo	1921.512	P5	212.00	13.22	18.72	16.90	18.93	0.001187	2.05	124.23	627.47	0.38
Shilo	Shilo	1921.512	P10	147.00	13.22	18.18	16.30	18.35	0.001194	1.81	81.21	38.08	0.37
Shilo	Shilo	1892.015	P1	373.00	13.22	19.51	17.86	19.80	0.001262	2.49	201.04	629.22	0.41
Shilo	Shilo	1892.015	P2	301.00	13.22	19.14	17.39	19.40	0.001272	2.33	165.03	567.30	0.41
Shilo	Shilo	1892.015	P5	212.00	13.22	18.69	16.75	18.89	0.001112	1.98	122.73	92.39	0.37
Shilo	Shilo	1892.015	P10	147.00	13.22	18.16	16.18	18.31	0.001099	1.71	85.85	34.49	0.35
Shilo	Shilo	1857.075	P1	373.00	13.22	19.49	17.69	19.75	0.001045	2.33	208.93	844.85	0.38
Shilo	Shilo	1857.075	P2	301.00	13.22	19.12	17.25	19.34	0.001023	2.15	175.34	806.37	0.37
Shilo	Shilo	1857.075	P5	212.00	13.22	18.68	16.59	18.84	0.000863	1.80	136.23	741.39	0.33
Shilo	Shilo	1857.075	P10	147.00	13.22	18.14	16.04	18.26	0.000840	1.56	94.26	74.97	0.32
Shilo	Shilo	1827.297	P1	373.00	13.22	19.50	18.08	19.70	0.000841	2.26	278.70	927.36	0.35
Shilo	Shilo	1827.297	P2	301.00	13.22	19.12	17.52	19.29	0.000825	2.11	237.03	925.93	0.34
Shilo	Shilo	1827.297	P5	212.00	13.22	18.67	16.93	18.81	0.000702	1.80	188.53	919.94	0.31
Shilo	Shilo	1827.297	P10	147.00	13.22	18.12	16.28	18.24	0.000726	1.63	129.29	408.24	0.30
Shilo	Shilo	1793.317	P1	373.00	13.22	19.51	18.28	19.64	0.000711	2.03	375.50	814.41	0.32
Shilo	Shilo	1793.317	P2	301.00	13.22	19.12	18.04	19.24	0.000755	1.96	311.59	813.01	0.32
Shilo	Shilo	1793.317	P5	212.00	13.22	18.66	17.27	18.77	0.000726	1.76	236.96	811.27	0.31
Shilo	Shilo	1793.317	P10	147.00	13.22	18.08	16.52	18.21	0.000949	1.77	142.83	601.26	0.34
Shilo	Shilo	1751.261	P1	373.00	13.23	19.21	18.70	19.55	0.001729	2.99	242.27	751.00	0.48
Shilo	Shilo	1751.261	P2	301.00	13.23	18.57	17.81	19.11	0.002902	3.45	147.29	747.87	0.60
Shilo	Shilo	1751.261	P5	212.00	13.23	18.17	17.13	18.65	0.002733	3.08	88.37	733.20	0.57
Shilo	Shilo	1751.261	P10	147.00	13.23	17.80	16.52	18.12	0.002112	2.50	58.70	22.24	0.49
Shilo	Shilo	1702.074	P1	373.00	13.23	19.33	17.50	19.41	0.000477	1.72	459.85	767.48	0.26
Shilo	Shilo	1702.074	P2	301.00	13.23	18.78	17.28	18.88	0.000611	1.78	358.84	764.06	0.29
Shilo	Shilo	1702.074	P5	212.00	13.23	18.35	16.89	18.44	0.000566	1.59	280.32	242.32	0.27
Shilo	Shilo	1702.074	P10	147.00	13.23	17.89	16.48	17.97	0.000601	1.48	195.45	203.60	0.28
Shilo	Shilo	1644.073	P1	373.00	13.02	19.21	18.35	19.36	0.000870	2.24	382.98	927.45	0.34
Shilo	Shilo	1644.073	P2	301.00	13.02	18.49	17.72	18.78	0.001694	2.78	234.18	913.50	0.46
Shilo	Shilo	1644.073	P5	212.00	13.02	18.04	17.06	18.34	0.001799	2.62	138.11	128.01	0.46
Shilo	Shilo	1644.073	P10	147.00	13.02	17.65	16.30	17.89	0.001562	2.24	93.86	92.21	0.42
Shilo	Shilo	1611.741	P1	373.00	12.71	19.20	18.30	19.32	0.000794	2.14	419.04	1063.62	0.32
Shilo	Shilo	1611.741	P2	301.00	12.71	18.46	17.91	18.72	0.001667	2.75	247.71	1002.80	0.45
Shilo	Shilo	1611.741	P5	212.00	12.71	17.95	16.90	18.27	0.002047	2.76	131.06	862.66	0.49
Shilo	Shilo	1611.741	P10	147.00	12.71	17.54	16.26	17.82	0.001853	2.46	88.47	107.33	0.46
Shilo	Shilo	1574.354	P1	373.00	13.00	19.19	18.27	19.28	0.000648	1.91	501.86	1191.13	0.29
Shilo	Shilo	1574.354	P2	301.00	13.00	18.41	17.90	18.64	0.001629	2.65	277.36	1175.56	0.45
Shilo	Shilo	1574.354	P5	212.00	13.00	17.81	17.53	18.18	0.002606	2.96	124.84	468.68	0.55
Shilo	Shilo	1574.354	P10	147.00	13.00	17.25	16.41	17.70	0.003307	3.02	63.68	197.01	0.61
Shilo	Shilo	1534.101	P1	373.00	12.57	19.17	17.53	19.26	0.000486	1.66	468.86	1215.74	0.26
Shilo	Shilo	1534.101	P2	301.00	12.57	18.42	17.28	18.56	0.000908	1.98	299.65	1213.05	0.34
Shilo	Shilo	1534.101	P5	212.00	12.57	17.86	16.84	18.03	0.001153	1.98	175.29	1192.08	0.38
Shilo	Shilo	1534.101	P10	147.00	12.57	17.34	16.26	17.50	0.001316	1.85	108.58	231.26	0.39
Shilo	Shilo	1477.203	P1	373.00	12.47	19.17	17.80	19.23	0.000414	1.57	608.62	1433.89	0.24
Shilo	Shilo	1477.203	P2	301.00	12.47	18.31	17.45	18.50	0.001173	2.29	324.76	1410.44	0.39
Shilo	Shilo	1477.203	P5	212.00	12.47	17.53	16.45	17.90	0.002451	2.81	104.34	88.24	0.54
Shilo	Shilo	1477.203	P10	147.00	12.47	17.06	15.82	17.37	0.002159	2.49	67.23	72.39	0.50
Shilo	Shilo	1402.033	P1	373.00	12.63	19.15	17.18	19.20	0.000282	1.41	673.70	1278.51	0.20
Shilo	Shilo	1402.033	P2	301.00	12.63	18.31	16.94	18.41	0.000596	1.81	410.39	1269.47	0.29
Shilo	Shilo	1402.033	P5	212.00	12.63	17.53	16.36	17.70	0.001061	2.09	180.14	1171.22	0.37
Shilo	Shilo	1402.033	P10	147.00	12.63	17.04	15.67	17.20	0.001073	1.89	119.33	424.86	0.36
Shilo	Shilo	1370.489	P1	373.00	12.47	19.17	17.15	19.18	0.000137	1.00	1096.45	1745.14	0.14
Shilo	Shilo	1370.489	P2	301.00	12.47	18.33	17.01	18.37	0.000329	1.38	678.97	1743.17	0.21
Shilo	Shilo	1370.489	P5	212.00	12.47	17.52	16.52	17.66	0.000943	2.03	271.79	1699.99	0.35
Shilo	Shilo	1370.489	P10	147.00	12.47	16.96	15.86	17.15	0.001277	2.10	112.66	191.36	0.39
Shilo	Shilo	1353.284	P1	373.00	12.62	19.17	16.95	19.18	0.000068	0.59	1348.22	2205.33	0.10
Shilo	Shilo	1353.284	P2	301.00	12.62	18.34	16.78	18.36	0.000151	0.75	866.14	2203.10	0.14
Shilo	Shilo	1353.284	P5	212.00	12.62	17.57	16.25	17.61	0.000382	0.97	417.71	1222.49	0.21

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Shilo	Shilo	1353.284	P10	147.00	12.62	17.03	15.88	17.08	0.000720	1.10	199.84	570.76	0.28
Shilo	Shilo	1313.825	P1	373.00	12.41	19.16	16.56	19.18	0.000070	0.67	1151.64	2163.84	0.10
Shilo	Shilo	1313.825	P2	301.00	12.41	18.34	16.14	18.35	0.000125	0.77	804.55	2161.86	0.13
Shilo	Shilo	1313.825	P5	212.00	12.41	17.57	15.75	17.60	0.000217	0.86	482.47	2141.74	0.17
Shilo	Shilo	1313.825	P10	147.00	12.41	17.02	15.35	17.06	0.000303	0.88	290.00	1565.49	0.19
Shilo	Shilo	1253.459	P1	373.00	12.17	19.16	16.33	19.17	0.000059	0.60	1211.47	1959.71	0.09
Shilo	Shilo	1253.459	P2	301.00	12.17	18.33	16.13	18.35	0.000102	0.69	861.75	1951.65	0.12
Shilo	Shilo	1253.459	P5	212.00	12.17	17.56	15.69	17.58	0.000175	0.76	536.66	1931.97	0.15
Shilo	Shilo	1253.459	P10	147.00	12.17	17.01	15.01	17.04	0.000269	0.81	307.49	1428.88	0.18
Shilo	Shilo	1191.925	P1	373.00	12.17	19.16	16.92	19.17	0.000042	0.56	1722.48	1833.45	0.08
Shilo	Shilo	1191.925	P2	301.00	12.17	18.33	16.15	18.34	0.000079	0.68	1215.43	1810.89	0.11
Shilo	Shilo	1191.925	P5	212.00	12.17	17.55	15.59	17.57	0.000155	0.83	741.76	1804.49	0.14
Shilo	Shilo	1191.925	P10	147.00	12.17	16.98	15.09	17.02	0.000315	1.05	392.34	1746.45	0.20
Shilo	Shilo	1138.04	P1	373.00	12.15	19.16	17.06	19.17	0.000053	0.60	1606.06	1663.34	0.09
Shilo	Shilo	1138.04	P2	301.00	12.15	18.33	16.96	18.34	0.000106	0.75	1110.24	1659.90	0.12
Shilo	Shilo	1138.04	P5	212.00	12.15	17.54	15.87	17.56	0.000238	0.97	645.03	1649.15	0.17
Shilo	Shilo	1138.04	P10	147.00	12.15	16.91	15.29	16.99	0.000690	1.42	276.56	584.81	0.29
Shilo	Shilo	1102.753	P1	373.00	12.19	19.12	16.92	19.16	0.000166	0.98	670.86	1365.60	0.16
Shilo	Shilo	1102.753	P2	301.00	12.19	18.28	16.47	18.32	0.000293	1.12	470.74	1365.60	0.20
Shilo	Shilo	1102.753	P5	212.00	12.19	17.48	16.04	17.54	0.000527	1.24	281.71	1352.89	0.25
Shilo	Shilo	1102.753	P10	147.00	12.19	16.87	15.29	16.96	0.000938	1.37	137.96	965.79	0.32
Shilo	Shilo	1014.192	P1	373.00	11.96	19.12	16.67	19.15	0.000147	1.01	722.89	1037.43	0.15
Shilo	Shilo	1014.192	P2	301.00	11.96	18.26	16.38	18.30	0.000238	1.13	523.38	1037.43	0.18
Shilo	Shilo	1014.192	P5	212.00	11.96	17.45	15.62	17.50	0.000370	1.21	333.67	1023.20	0.22
Shilo	Shilo	1014.192	P10	147.00	11.96	16.82	14.97	16.89	0.000559	1.28	186.99	570.99	0.26
Shilo	Shilo	951.4554	P1	373.00	11.96	19.09	16.23	19.13	0.000173	1.12	603.05	783.69	0.16
Shilo	Shilo	951.4554	P2	301.00	11.96	18.23	15.89	18.28	0.000266	1.22	440.64	783.69	0.19
Shilo	Shilo	951.4554	P5	212.00	11.96	17.41	15.32	17.48	0.000381	1.25	287.10	767.42	0.22
Shilo	Shilo	951.4554	P10	147.00	11.96	16.78	14.81	16.85	0.000523	1.26	168.24	751.13	0.25
Shilo	Shilo	904.7724	P1	373.00	11.96	19.08	16.41	19.12	0.000188	1.20	540.18	649.12	0.17
Shilo	Shilo	904.7724	P2	301.00	11.96	18.21	15.75	18.27	0.000270	1.27	407.25	649.12	0.20
Shilo	Shilo	904.7724	P5	212.00	11.96	17.40	15.16	17.46	0.000347	1.25	282.04	620.14	0.22
Shilo	Shilo	904.7724	P10	147.00	11.96	16.76	14.67	16.83	0.000426	1.21	184.68	427.11	0.23
Shilo	Shilo	858.6906	P1	373.00	11.78	18.93	17.08	19.09	0.000646	2.09	294.09	541.69	0.30
Shilo	Shilo	858.6906	P2	301.00	11.78	18.02	16.80	18.22	0.001027	2.29	213.39	501.69	0.37
Shilo	Shilo	858.6906	P5	212.00	11.78	17.15	16.15	17.40	0.001532	2.37	137.00	472.40	0.43
Shilo	Shilo	858.6906	P10	147.00	11.78	16.46	15.33	16.75	0.002266	2.42	75.90	215.43	0.51
Shilo	Shilo	807.0885		Bridge									
Shilo	Shilo	767.7009	P1	373.00	11.35	17.91	16.24	18.30	0.001688	3.01	194.47	323.41	0.46
Shilo	Shilo	767.7009	P2	301.00	11.35	17.46	15.71	17.85	0.001824	2.91	149.77	171.17	0.47
Shilo	Shilo	767.7009	P5	212.00	11.35	16.82	14.96	17.17	0.001667	2.66	92.69	58.85	0.44
Shilo	Shilo	767.7009	P10	147.00	11.35	16.29	14.30	16.54	0.001309	2.19	67.17	47.57	0.39
Shilo	Shilo	732.2915	P1	373.00	11.58	18.05	16.52	18.16	0.000614	1.86	391.26	296.82	0.29
Shilo	Shilo	732.2915	P2	301.00	11.58	17.59	15.88	17.71	0.000705	1.85	306.43	288.55	0.31
Shilo	Shilo	732.2915	P5	212.00	11.58	16.91	15.17	17.05	0.000793	1.86	201.46	197.70	0.32
Shilo	Shilo	732.2915	P10	147.00	11.58	16.31	14.59	16.46	0.000903	1.82	128.30	161.22	0.33
Shilo	Shilo	687.9231	P1	373.00	11.13	18.06	16.29	18.12	0.000414	1.71	485.52	310.16	0.24
Shilo	Shilo	687.9231	P2	301.00	11.13	17.60	16.10	17.67	0.000438	1.65	410.16	302.35	0.24
Shilo	Shilo	687.9231	P5	212.00	11.13	16.92	15.39	17.00	0.000517	1.62	297.63	286.64	0.26
Shilo	Shilo	687.9231	P10	147.00	11.13	16.32	15.22	16.41	0.000637	1.61	201.45	191.18	0.28
Shilo	Shilo	608.0596	P1	373.00	11.16	18.05	15.87	18.10	0.000261	1.40	578.41	351.50	0.20
Shilo	Shilo	608.0596	P2	301.00	11.16	17.59	15.59	17.64	0.000272	1.34	487.95	348.20	0.20
Shilo	Shilo	608.0596	P5	212.00	11.16	16.92	15.12	16.96	0.000306	1.28	352.91	324.08	0.20
Shilo	Shilo	608.0596	P10	147.00	11.16	16.31	14.42	16.36	0.000344	1.22	238.18	244.30	0.21
Shilo	Shilo	452.4334	P1	373.00	10.49	17.87	16.19	18.02	0.000729	2.14	347.54	335.76	0.32
Shilo	Shilo	452.4334	P2	301.00	10.49	17.39	15.82	17.56	0.000841	2.13	273.53	335.76	0.33
Shilo	Shilo	452.4334	P5	212.00	10.49	16.62	15.28	16.85	0.001241	2.26	154.75	295.87	0.39
Shilo	Shilo	452.4334	P10	147.00	10.49	16.03	14.48	16.24	0.001340	2.07	82.62	43.60	0.39
Shilo	Shilo	383.9341	P1	373.00	10.71	17.86	16.55	17.96	0.000541	1.84	436.65	362.35	0.28
Shilo	Shilo	383.9341	P2	301.00	10.71	17.38	15.79	17.49	0.000648	1.86	345.10	362.35	0.30
Shilo	Shilo	383.9341	P5	212.00	10.71	16.57	15.37	16.75	0.001141	2.13	192.76	335.62	0.38
Shilo	Shilo	383.9341	P10	147.00	10.71	15.89	14.80	16.13	0.001754	2.25	87.27	159.67	0.45
Shilo	Shilo	306.4746	P1	373.00	10.14	17.68	15.84	17.89	0.000974	2.14	261.19	321.07	0.36
Shilo	Shilo	306.4746	P2	301.00	10.14	17.17	15.50	17.40	0.001219	2.17	167.59	165.65	0.39
Shilo	Shilo	306.4746	P5	212.00	10.14	16.42	14.86	16.64	0.001588	2.09	101.36	42.82	0.43
Shilo	Shilo	306.4746	P10	147.00	10.14	15.80	14.19	15.98	0.001454	1.88	78.14	35.24	0.40
Shilo	Shilo	220.5014	P1	373.00	10.41	17.34	15.70	17.75	0.001403	3.03	200.01	260.38	0.44
Shilo	Shilo	220.5014	P2	301.00	10.41	16.89	15.24	17.26	0.001398	2.83	142.99	158.07	0.43
Shilo	Shilo	220.5014	P5	212.00	10.41	16.18	14.57	16.49	0.001407	2.52	101.77	156.25	0.42

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Shilo	Shilo	220.5014	P10	147.00	10.41	15.63	13.90	15.86	0.001240	2.12	74.41	35.23	0.39
Shilo	Shilo	182.709	P1	373.00	10.23	16.34	16.34	17.50	0.005631	5.07	104.49	165.44	0.81
Shilo	Shilo	182.709	P2	301.00	10.23	15.94	15.94	17.02	0.005760	4.78	83.40	164.49	0.81
Shilo	Shilo	182.709	P5	212.00	10.23	15.55	15.00	16.32	0.004581	3.95	62.87	40.80	0.71
Shilo	Shilo	182.709	P10	147.00	10.23	15.28	14.23	15.74	0.003070	3.04	52.56	35.17	0.57
Shilo	Shilo	149.4197	P1	373.00	9.55	16.17	15.39	16.83	0.003416	3.67	116.49	165.38	0.65
Shilo	Shilo	149.4197	P2	301.00	9.55	16.01	14.97	16.50	0.002685	3.15	103.93	40.58	0.57
Shilo	Shilo	149.4197	P5	212.00	9.55	15.74	14.28	16.04	0.001821	2.44	93.25	38.21	0.46
Shilo	Shilo	149.4197	P10	147.00	9.55	15.38	13.62	15.57	0.001281	1.95	79.89	35.53	0.38
Shilo	Shilo	82.87918	P1	373.00	9.23	16.30	14.51	16.55	0.001130	2.45	249.94	188.35	0.39
Shilo	Shilo	82.87918	P2	301.00	9.23	16.08	13.95	16.29	0.000953	2.17	220.00	187.70	0.35
Shilo	Shilo	82.87918	P5	212.00	9.23	15.76	13.14	15.90	0.000711	1.77	175.81	186.73	0.30
Shilo	Shilo	82.87918	P10	147.00	9.23	15.37	12.49	15.48	0.000572	1.47	123.10	185.57	0.26
Seer	Seer	4077.768	P1	129.00	35.63	38.74	38.60	38.95	0.002889	2.42	105.81	183.90	0.57
Seer	Seer	4077.768	P2	105.00	35.63	38.63	38.48	38.83	0.002757	2.28	88.54	158.22	0.55
Seer	Seer	4077.768	P5	77.00	35.63	38.47	38.00	38.65	0.002471	2.02	65.47	135.83	0.51
Seer	Seer	4077.768	P10	57.00	35.63	38.33	37.73	38.48	0.002150	1.78	48.07	116.85	0.47
Seer	Seer	3997.768	P1	129.00	35.43	38.58		38.73	0.002133	2.09	130.23	575.16	0.49
Seer	Seer	3997.768	P2	105.00	35.43	38.49	38.31	38.62	0.001948	1.93	113.47	557.48	0.46
Seer	Seer	3997.768	P5	77.00	35.43	38.33	37.81	38.45	0.001921	1.80	84.71	528.71	0.45
Seer	Seer	3997.768	P10	57.00	35.43	38.06	37.55	38.27	0.003076	2.03	37.84	488.91	0.55
Seer	Seer	3917.768	P1	129.00	35.25	38.29		38.51	0.003011	2.45	111.16	509.81	0.58
Seer	Seer	3917.768	P2	105.00	35.25	38.16	38.14	38.40	0.003222	2.42	86.03	496.62	0.59
Seer	Seer	3917.768	P5	77.00	35.25	37.94	37.58	38.21	0.003872	2.41	46.13	117.29	0.63
Seer	Seer	3917.768	P10	57.00	35.25	37.76	37.31	37.99	0.003634	2.15	29.67	69.49	0.60
Seer	Seer	3837.768	P1	129.00	34.93	38.17		38.30	0.001717	2.01	140.29	490.54	0.44
Seer	Seer	3837.768	P2	105.00	34.93	38.04		38.18	0.001740	1.93	113.91	478.64	0.44
Seer	Seer	3837.768	P5	77.00	34.93	37.82		37.96	0.001750	1.79	78.36	166.83	0.44
Seer	Seer	3837.768	P10	57.00	34.93	37.61		37.75	0.001971	1.74	48.48	119.23	0.45
Seer	Seer	3757.768	P1	129.00	34.77	37.92		38.13	0.002456	2.33	103.28	211.80	0.53
Seer	Seer	3757.768	P2	105.00	34.77	37.88		38.03	0.001813	1.98	98.26	201.52	0.45
Seer	Seer	3757.768	P5	77.00	34.77	37.63	37.07	37.79	0.002156	1.96	65.05	141.60	0.48
Seer	Seer	3757.768	P10	57.00	34.77	37.40		37.57	0.002357	1.86	39.71	89.46	0.49
Seer	Seer	3677.768	P1	129.00	34.58	37.62	37.62	37.89	0.003410	2.61	101.38	288.50	0.61
Seer	Seer	3677.768	P2	105.00	34.58	37.41	37.40	37.77	0.004739	2.84	60.21	132.86	0.71
Seer	Seer	3677.768	P5	77.00	34.58	37.28	36.90	37.55	0.003725	2.39	45.48	101.31	0.62
Seer	Seer	3677.768	P10	57.00	34.58	37.14	36.64	37.35	0.003088	2.04	33.49	75.09	0.56
Seer	Seer	3597.768	P1	129.00	34.37	37.32	37.25	37.51	0.002963	2.37	120.97	265.62	0.57
Seer	Seer	3597.768	P2	105.00	34.37	37.19	37.15	37.40	0.003235	2.36	92.94	231.16	0.59
Seer	Seer	3597.768	P5	77.00	34.37	37.02	36.69	37.25	0.003447	2.27	60.34	186.44	0.60
Seer	Seer	3597.768	P10	57.00	34.37	36.88	36.42	37.09	0.003327	2.08	36.30	147.96	0.57
Seer	Seer	3517.768	P1	129.00	34.16	37.10	36.95	37.28	0.002719	2.29	112.20	149.93	0.55
Seer	Seer	3517.768	P2	105.00	34.16	36.96	36.86	37.15	0.002908	2.24	91.34	147.92	0.56
Seer	Seer	3517.768	P5	77.00	34.16	36.77	36.46	36.97	0.003283	2.19	62.76	145.97	0.58
Seer	Seer	3517.768	P10	57.00	34.16	36.64	36.20	36.83	0.003007	1.97	44.63	144.72	0.55
Seer	Seer	3437.768	P1	129.00	33.93	37.05	36.70	37.11	0.001054	1.53	198.44	513.07	0.35
Seer	Seer	3437.768	P2	105.00	33.93	36.89	36.63	36.96	0.001212	1.55	159.74	302.64	0.37
Seer	Seer	3437.768	P5	77.00	33.93	36.62	36.43	36.74	0.001986	1.78	94.29	284.97	0.46
Seer	Seer	3437.768	P10	57.00	33.93	36.47	35.95	36.61	0.002163	1.74	60.29	275.44	0.47
Seer	Seer	3357.768	P1	129.00	33.73	37.02	36.49	37.04	0.000392	0.97	334.82	581.20	0.21
Seer	Seer	3357.768	P2	105.00	33.73	36.86	36.43	36.88	0.000442	0.97	278.31	564.98	0.22
Seer	Seer	3357.768	P5	77.00	33.73	36.57	36.06	36.61	0.000815	1.19	174.01	535.06	0.29
Seer	Seer	3357.768	P10	57.00	33.73	36.39	35.79	36.45	0.001197	1.33	109.23	516.47	0.35
Seer	Seer	3277.768	P1	129.00	33.47	36.98	36.37	37.01	0.000464	1.09	269.56	760.20	0.23
Seer	Seer	3277.768	P2	105.00	33.47	36.82	36.30	36.85	0.000484	1.06	229.85	747.25	0.24
Seer	Seer	3277.768	P5	77.00	33.47	36.50	35.86	36.54	0.000782	1.21	151.03	720.49	0.29
Seer	Seer	3277.768	P10	57.00	33.47	36.30	35.59	36.36	0.001016	1.27	101.87	697.45	0.33
Seer	Seer	3197.768	P1	129.00	33.21	36.95	36.33	36.97	0.000326	0.96	332.38	801.74	0.20
Seer	Seer	3197.768	P2	105.00	33.21	36.79	36.26	36.81	0.000347	0.94	280.94	781.23	0.20
Seer	Seer	3197.768	P5	77.00	33.21	36.45	35.66	36.49	0.000649	1.15	171.81	737.72	0.27
Seer	Seer	3197.768	P10	57.00	33.21	36.18	35.38	36.27	0.001227	1.43	87.60	698.64	0.36
Seer	Seer	3131.779	P1	129.00	32.99	36.94	36.26	36.95	0.000252	0.74	384.65	806.42	0.17
Seer	Seer	3131.779	P2	105.00	32.99	36.77	36.20	36.79	0.000275	0.73	323.98	771.78	0.17
Seer	Seer	3131.779	P5	77.00	32.99	36.41	35.49	36.44	0.000617	0.94	189.40	718.72	0.25
Seer	Seer	3131.779	P10	57.00	32.99	35.96	35.20	36.12	0.003420	1.78	32.09	37.38	0.56
Seer	Seer	3109.161	P1	129.00	32.92	36.93	36.18	36.95	0.000206	0.80	408.99	803.68	0.16
Seer	Seer	3109.161	P2	105.00	32.92	36.77	35.76	36.78	0.000214	0.78	349.63	738.97	0.16
Seer	Seer	3109.161	P5	77.00	32.92	36.40	35.42	36.43	0.000403	0.96	216.59	693.56	0.21
Seer	Seer	3109.161	P10	57.00	32.92	35.92	35.14	36.06	0.001856	1.72	53.39	275.39	0.44

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Seer	Seer	3083.914	P1	129.00	32.85	36.76	36.08	36.91	0.001312	1.94	106.35	736.95	0.40
Seer	Seer	3083.914	P2	105.00	32.85	36.62	35.63	36.75	0.001140	1.74	93.74	734.57	0.37
Seer	Seer	3083.914	P5	77.00	32.85	36.27	35.32	36.39	0.001295	1.66	65.01	78.72	0.38
Seer	Seer	3083.914	P10	57.00	32.85	35.86	35.04	36.01	0.001933	1.73	35.59	68.99	0.45
Seer	Seer	3069.469		Bridge									
Seer	Seer	3053.308	P1	129.00	32.76	36.66	35.83	36.82	0.001869	1.77	77.10	501.40	0.45
Seer	Seer	3053.308	P2	105.00	32.76	36.56	35.47	36.68	0.001550	1.54	70.82	73.29	0.40
Seer	Seer	3053.308	P5	77.00	32.76	36.21	35.15	36.32	0.001921	1.48	52.16	43.88	0.43
Seer	Seer	3053.308	P10	57.00	32.76	35.81	34.88	35.93	0.002189	1.53	37.14	32.04	0.46
Seer	Seer	3018.26	P1	129.00	32.66	36.53	35.97	36.73	0.002490	2.03	73.08	727.56	0.51
Seer	Seer	3018.26	P2	105.00	32.66	36.47	35.53	36.61	0.001923	1.74	69.01	726.13	0.45
Seer	Seer	3018.26	P5	77.00	32.66	36.06	35.19	36.23	0.003102	1.81	43.86	66.15	0.54
Seer	Seer	3018.26	P10	57.00	32.66	35.66	34.91	35.84	0.002330	1.86	30.57	24.27	0.49
Seer	Seer	2991.779	P1	129.00	32.58	36.51	36.17	36.66	0.001576	1.98	119.84	495.50	0.43
Seer	Seer	2991.779	P2	105.00	32.58	36.44	35.53	36.56	0.001234	1.72	110.41	489.03	0.37
Seer	Seer	2991.779	P5	77.00	32.58	35.90	35.19	36.13	0.002910	2.17	39.30	66.01	0.55
Seer	Seer	2991.779	P10	57.00	32.58	35.55	34.89	35.76	0.002838	2.03	28.08	19.00	0.53
Seer	Seer	2957.768	P1	150.00	32.50	36.13	36.13	36.53	0.004284	2.97	79.92	128.82	0.69
Seer	Seer	2957.768	P2	123.00	32.50	35.63	35.57	36.35	0.008845	3.74	33.12	33.37	0.95
Seer	Seer	2957.768	P5	90.00	32.50	35.46	35.21	35.94	0.006465	3.08	29.25	19.75	0.81
Seer	Seer	2957.768	P10	66.00	32.50	35.28	34.90	35.61	0.004828	2.55	25.87	18.58	0.69
Seer	Seer	2877.768	P1	150.00	32.43	35.20	35.43	35.95	0.010049	4.01	52.52	112.38	1.03
Seer	Seer	2877.768	P2	123.00	32.43	35.30	35.29	35.69	0.005052	2.96	62.11	149.94	0.74
Seer	Seer	2877.768	P5	90.00	32.43	35.17	34.85	35.46	0.003987	2.49	49.40	109.90	0.64
Seer	Seer	2877.768	P10	66.00	32.43	35.04	34.55	35.26	0.003097	2.07	37.77	100.52	0.56
Seer	Seer	2797.758	P1	150.00	32.27	35.48	35.09	35.53	0.000988	1.47	239.55	386.99	0.34
Seer	Seer	2797.758	P2	123.00	32.27	35.35	35.02	35.40	0.001031	1.43	202.45	364.54	0.34
Seer	Seer	2797.758	P5	90.00	32.27	35.15	34.91	35.21	0.001161	1.41	149.31	331.53	0.35
Seer	Seer	2797.758	P10	66.00	32.27	34.96	34.40	35.04	0.001497	1.47	98.20	298.85	0.39
Seer	Seer	2717.742	P1	150.00	31.99	35.37	35.04	35.45	0.001055	1.65	228.89	717.44	0.35
Seer	Seer	2717.742	P2	123.00	31.99	35.22	34.95	35.31	0.001162	1.65	183.48	696.64	0.37
Seer	Seer	2717.742	P5	90.00	31.99	34.97	34.46	35.09	0.001594	1.77	109.94	343.43	0.42
Seer	Seer	2717.742	P10	66.00	31.99	34.73	34.10	34.88	0.002036	1.82	48.58	275.23	0.46
Seer	Seer	2637.726	P1	150.00	31.79	35.30	34.69	35.36	0.000885	1.34	200.05	802.11	0.32
Seer	Seer	2637.726	P2	123.00	31.79	35.16	34.61	35.22	0.000872	1.26	164.99	679.78	0.31
Seer	Seer	2637.726	P5	90.00	31.79	34.91	34.22	34.97	0.000975	1.20	125.26	656.46	0.32
Seer	Seer	2637.726	P10	66.00	31.79	34.65	33.97	34.72	0.001341	1.24	84.74	636.24	0.36
Seer	Seer	2557.709	P1	150.00	31.69	35.19	34.63	35.28	0.001073	1.73	170.55	647.67	0.36
Seer	Seer	2557.709	P2	123.00	31.69	35.06	34.52	35.14	0.000958	1.58	152.54	636.02	0.34
Seer	Seer	2557.709	P5	90.00	31.69	34.81	34.34	34.88	0.000980	1.47	118.04	617.69	0.33
Seer	Seer	2557.709	P10	66.00	31.69	34.51	33.89	34.60	0.001312	1.53	77.73	596.78	0.38
Seer	Seer	2477.797	P1	150.00	31.58	34.94	34.68	35.16	0.002396	2.44	109.68	651.07	0.53
Seer	Seer	2477.797	P2	123.00	31.58	34.77	34.37	34.99	0.002459	2.34	89.98	638.15	0.53
Seer	Seer	2477.797	P5	90.00	31.58	34.48	34.07	34.72	0.002903	2.29	56.05	617.49	0.56
Seer	Seer	2477.797	P10	66.00	31.58	34.20	33.77	34.42	0.003287	2.16	36.02	38.80	0.58
Seer	Seer	2397.797	P1	150.00	31.28	34.92	34.18	35.00	0.000840	1.42	234.27	715.90	0.31
Seer	Seer	2397.797	P2	123.00	31.28	34.77	33.86	34.83	0.000746	1.27	151.31	715.15	0.29
Seer	Seer	2397.797	P5	90.00	31.28	34.48	33.63	34.54	0.000844	1.21	110.92	714.24	0.30
Seer	Seer	2397.797	P10	66.00	31.28	34.12	33.41	34.20	0.001391	1.32	61.17	668.99	0.37
Seer	Seer	2318.307	P1	150.00	31.34	34.40	34.40	34.80	0.004590	3.06	79.40	126.01	0.71
Seer	Seer	2318.307	P2	123.00	31.34	34.25	34.25	34.65	0.004550	2.93	63.15	107.54	0.70
Seer	Seer	2318.307	P5	90.00	31.34	33.61	33.57	34.26	0.009416	3.59	25.08	82.29	0.97
Seer	Seer	2318.307	P10	66.00	31.34	33.25	33.25	33.86	0.010566	3.45	19.13	39.82	1.00
Seer	Seer	2237.95	P1	150.00	29.87	34.08	33.27	34.24	0.001773	2.00	128.72	211.75	0.45
Seer	Seer	2237.95	P2	123.00	29.87	33.88	33.01	34.06	0.002060	2.01	98.41	193.76	0.47
Seer	Seer	2237.95	P5	90.00	29.87	33.48	32.64	33.73	0.002731	2.20	40.88	151.31	0.54
Seer	Seer	2237.95	P10	66.00	29.87	33.14	32.32	33.33	0.002283	1.96	33.60	86.79	0.49
Seer	Seer	2157.95	P1	150.00	29.40	34.04	33.39	34.12	0.000744	1.60	188.19	774.85	0.30
Seer	Seer	2157.95	P2	123.00	29.40	33.84	32.68	33.93	0.000768	1.55	156.76	214.82	0.30
Seer	Seer	2157.95	P5	90.00	29.40	33.41	32.29	33.54	0.001188	1.72	89.44	177.21	0.37
Seer	Seer	2157.95	P10	66.00	29.40	33.00	31.96	33.17	0.001660	1.78	38.10	138.11	0.42
Seer	Seer	2077.099	P1	150.00	29.12	33.88	32.63	34.04	0.001130	1.89	138.46	297.26	0.37
Seer	Seer	2077.099	P2	123.00	29.12	33.68	32.37	33.84	0.001187	1.84	101.46	266.81	0.37
Seer	Seer	2077.099	P5	90.00	29.12	33.29	31.99	33.44	0.001287	1.73	56.24	196.21	0.38
Seer	Seer	2077.099	P10	66.00	29.12	32.91	31.66	33.04	0.001222	1.55	42.47	76.74	0.36
Seer	Seer	2000.017	P1	150.00	28.63	33.56	32.45	33.88	0.002239	2.55	67.99	54.66	0.51
Seer	Seer	2000.017	P2	123.00	28.63	33.47	32.16	33.71	0.001706	2.19	63.05	54.10	0.44
Seer	Seer	2000.017	P5	90.00	28.63	33.15	31.74	33.33	0.001391	1.86	48.53	52.18	0.39
Seer	Seer	2000.017	P10	66.00	28.63	32.81	31.38	32.94	0.001148	1.59	41.42	24.03	0.35



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Seer	Seer	1919.884	P1	150.00	28.59	33.61	32.48	33.68	0.000810	1.59	358.31	1296.16	0.31
Seer	Seer	1919.884	P2	123.00	28.59	33.33	32.18	33.57	0.001847	2.25	72.68	128.63	0.46
Seer	Seer	1919.884	P5	90.00	28.59	33.00	31.76	33.20	0.001713	2.03	51.12	112.27	0.43
Seer	Seer	1919.884	P10	66.00	28.59	32.68	31.39	32.84	0.001442	1.75	37.88	25.93	0.39
Seer	Seer	1839.865	P1	150.00	28.65	33.55	32.62	33.62	0.000655	1.51	254.53	953.77	0.28
Seer	Seer	1839.865	P2	123.00	28.65	33.31	32.03	33.42	0.000865	1.64	165.33	942.27	0.32
Seer	Seer	1839.865	P5	90.00	28.65	32.94	31.63	33.06	0.001072	1.65	78.23	79.35	0.35
Seer	Seer	1839.865	P10	66.00	28.65	32.60	31.28	32.72	0.001095	1.55	52.31	74.86	0.35
Seer	Seer	1759.866	P1	150.00	28.49	33.50	32.36	33.57	0.000696	1.22	190.69	1078.33	0.28
Seer	Seer	1759.866	P2	123.00	28.49	33.26	32.08	33.34	0.000895	1.27	115.79	1068.07	0.31
Seer	Seer	1759.866	P5	90.00	28.49	32.88	31.45	32.96	0.001082	1.22	75.35	64.15	0.33
Seer	Seer	1759.866	P10	66.00	28.49	32.53	31.10	32.60	0.001427	1.19	55.33	50.67	0.36
Seer	Seer	1679.866	P1	150.00	28.74	32.87	32.59	33.37	0.004340	3.22	60.93	71.23	0.69
Seer	Seer	1679.866	P2	123.00	28.74	32.71	32.15	33.14	0.003878	2.94	50.78	61.49	0.65
Seer	Seer	1679.866	P5	90.00	28.74	32.43	31.76	32.76	0.003372	2.55	37.33	41.97	0.60
Seer	Seer	1679.866	P10	66.00	28.74	32.17	31.41	32.42	0.002707	2.17	30.37	18.33	0.53
Seer	Seer	1600.439	P1	150.00	28.95	32.69	32.40	33.01	0.003098	2.66	79.42	81.84	0.59
Seer	Seer	1600.439	P2	123.00	28.95	32.53	31.92	32.82	0.002883	2.47	66.49	80.10	0.57
Seer	Seer	1600.439	P5	90.00	28.95	32.23	31.57	32.49	0.002821	2.27	43.99	69.40	0.55
Seer	Seer	1600.439	P10	66.00	28.95	32.01	31.26	32.20	0.002329	1.93	34.96	31.20	0.49
Seer	Seer	1519.865	P1	150.00	28.82	32.67	32.15	32.77	0.001266	1.74	318.48	1427.55	0.38
Seer	Seer	1519.865	P2	123.00	28.82	32.36	32.00	32.56	0.002526	2.25	80.41	98.07	0.53
Seer	Seer	1519.865	P5	90.00	28.82	32.02	31.73	32.24	0.002949	2.24	56.60	94.98	0.56
Seer	Seer	1519.865	P10	66.00	28.82	31.67	31.23	31.94	0.003883	2.32	32.78	83.74	0.62
Seer	Seer	1439.865	P1	150.00	28.17	32.55	31.59	32.66	0.001114	1.73	134.25	1231.53	0.36
Seer	Seer	1439.865	P2	123.00	28.17	32.27	31.18	32.40	0.001152	1.75	107.33	114.47	0.37
Seer	Seer	1439.865	P5	90.00	28.17	31.93	30.83	32.06	0.001210	1.66	76.45	106.40	0.37
Seer	Seer	1439.865	P10	66.00	28.17	31.59	30.51	31.72	0.001282	1.57	49.24	63.42	0.37
Seer	Seer	1359.866	P1	150.00	28.24	32.55	31.72	32.58	0.000368	0.98	402.98	1401.83	0.21
Seer	Seer	1359.866	P2	123.00	28.24	32.23	31.39	32.30	0.000872	1.35	207.02	1401.83	0.31
Seer	Seer	1359.866	P5	90.00	28.24	31.82	30.92	31.94	0.001671	1.60	77.11	118.54	0.42
Seer	Seer	1359.866	P10	66.00	28.24	31.40	30.61	31.56	0.002973	1.78	37.20	38.50	0.53
Seer	Seer	1279.865	P1	150.00	27.76	32.46	31.08	32.53	0.000638	1.42	184.65	1458.29	0.28
Seer	Seer	1279.865	P2	123.00	27.76	32.15	30.85	32.23	0.000786	1.48	143.25	127.89	0.30
Seer	Seer	1279.865	P5	90.00	27.76	31.74	30.48	31.84	0.000931	1.51	93.37	111.39	0.33
Seer	Seer	1279.865	P10	66.00	27.76	31.27	30.16	31.39	0.001316	1.60	48.97	76.07	0.38
Seer	Seer	1199.866	P1	150.00	27.95	32.35	31.57	32.46	0.001329	1.57	127.73	113.84	0.38
Seer	Seer	1199.866	P2	123.00	27.95	31.96	31.15	32.12	0.002293	1.81	84.68	106.71	0.48
Seer	Seer	1199.866	P5	90.00	27.95	31.41	30.73	31.67	0.004507	2.25	40.00	33.34	0.66
Seer	Seer	1199.866	P10	66.00	27.95	30.90	30.40	31.19	0.004285	2.40	27.53	19.78	0.65
Seer	Seer	1159.865	P1	150.00	27.26	32.18	30.66	32.38	0.001318	2.03	77.78	40.73	0.40
Seer	Seer	1159.865	P2	123.00	27.26	31.86	30.40	32.05	0.001234	1.90	66.23	36.53	0.38
Seer	Seer	1159.865	P5	90.00	27.26	31.39	30.03	31.54	0.001211	1.70	52.94	24.46	0.37
Seer	Seer	1159.865	P10	66.00	27.26	30.91	29.71	31.04	0.001275	1.59	41.56	22.19	0.37
Seer	Seer	1079.865	P1	150.00	27.24	31.99	31.06	32.24	0.002114	2.28	81.37	237.90	0.49
Seer	Seer	1079.865	P2	123.00	27.24	31.64	30.66	31.89	0.002637	2.26	58.45	207.92	0.53
Seer	Seer	1079.865	P5	90.00	27.24	31.10	30.26	31.37	0.003306	2.30	39.30	163.29	0.58
Seer	Seer	1079.865	P10	66.00	27.24	30.59	29.91	30.86	0.003135	2.28	28.98	90.37	0.56
Seer	Seer	999.8655	P1	150.00	26.73	31.05	30.79	31.85	0.007395	3.96	37.89	19.17	0.88
Seer	Seer	999.8655	P2	123.00	26.73	30.91	30.48	31.52	0.005653	3.48	35.38	16.78	0.76
Seer	Seer	999.8655	P5	90.00	26.73	30.49	30.04	30.99	0.005263	3.13	28.76	15.15	0.73
Seer	Seer	999.8655	P10	66.00	26.73	30.09	29.65	30.51	0.005187	2.88	22.93	13.55	0.71
Seer	Seer	919.7213	P1	150.00	26.60	30.83	30.20	31.29	0.003894	2.99	50.10	47.29	0.66
Seer	Seer	919.7213	P2	123.00	26.60	30.77	29.93	31.09	0.002859	2.53	48.53	45.97	0.56
Seer	Seer	919.7213	P5	90.00	26.60	30.32	29.55	30.60	0.002880	2.33	38.58	31.07	0.55
Seer	Seer	919.7213	P10	66.00	26.60	29.87	29.21	30.12	0.003136	2.23	29.62	18.54	0.56
Seer	Seer	840.2267	P1	150.00	25.82	30.66	29.96	30.94	0.003277	2.55	101.62	237.86	0.59
Seer	Seer	840.2267	P2	123.00	25.82	30.33	29.64	30.78	0.004672	3.00	42.47	150.40	0.69
Seer	Seer	840.2267	P5	90.00	25.82	29.97	29.20	30.33	0.003496	2.65	33.91	112.51	0.60
Seer	Seer	840.2267	P10	66.00	25.82	29.57	28.81	29.86	0.003219	2.39	27.57	61.96	0.56
Seer	Seer	760.26	P1	150.00	25.63	30.65	29.88	30.73	0.000873	1.61	197.68	376.67	0.32
Seer	Seer	760.26	P2	123.00	25.63	30.35	29.56	30.47	0.001288	1.80	136.48	260.10	0.38
Seer	Seer	760.26	P5	90.00	25.63	29.85	28.89	30.06	0.002019	2.15	58.73	199.77	0.46
Seer	Seer	760.26	P10	66.00	25.63	29.36	28.51	29.61	0.002621	2.22	31.45	101.87	0.52
Seer	Seer	680.2055	P1	150.00	25.18	30.59	29.52	30.66	0.000800	1.28	186.46	228.08	0.30
Seer	Seer	680.2055	P2	123.00	25.18	30.25	29.24	30.36	0.001388	1.48	112.85	213.40	0.38
Seer	Seer	680.2055	P5	90.00	25.18	29.69	28.54	29.85	0.002966	1.78	50.59	164.97	0.53
Seer	Seer	680.2055	P10	66.00	25.18	29.15	28.15	29.36	0.003475	2.04	32.42	101.01	0.57
Seer	Seer	650.9391	P1	150.00	25.28	30.48	29.58	30.62	0.001110	1.93	134.42	257.23	0.36
Seer	Seer	650.9391	P2	123.00	25.28	30.13	29.17	30.30	0.001460	2.03	99.68	255.86	0.41

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Seer	Seer	650.9391	P5	90.00	25.28	29.47	28.58	29.74	0.002742	2.37	47.04	61.66	0.53
Seer	Seer	650.9391	P10	66.00	25.28	28.96	28.20	29.25	0.003051	2.38	28.40	23.61	0.55
Seer	Seer	617.1473	P1	150.00	25.20	30.04	29.19	30.49	0.003872	2.99	50.17	40.64	0.65
Seer	Seer	617.1473	P2	123.00	25.20	29.79	28.90	30.18	0.003882	2.76	44.50	23.80	0.64
Seer	Seer	617.1473	P5	90.00	25.20	29.29	28.47	29.63	0.003156	2.59	34.80	16.59	0.57
Seer	Seer	617.1473	P10	66.00	25.20	28.86	28.09	29.14	0.003054	2.35	28.05	15.15	0.55
Seer	Seer	576.0572		Bridge									
Seer	Seer	543.4597	P1	150.00	25.06	29.80	28.84	30.15	0.002813	2.63	57.47	28.48	0.56
Seer	Seer	543.4597	P2	123.00	25.06	29.59	28.53	29.88	0.002468	2.37	51.92	24.62	0.52
Seer	Seer	543.4597	P5	90.00	25.06	29.12	28.13	29.36	0.002385	2.19	41.06	21.22	0.50
Seer	Seer	543.4597	P10	66.00	25.06	28.68	27.77	28.89	0.002311	2.04	32.40	18.17	0.49
Seer	Seer	480.2056	P1	150.00	25.05	29.12	29.12	29.82	0.006373	3.78	47.12	71.37	0.83
Seer	Seer	480.2056	P2	123.00	25.05	28.70	28.70	29.51	0.008645	3.99	30.89	41.65	0.94
Seer	Seer	480.2056	P5	90.00	25.05	28.20	28.20	28.98	0.010299	3.93	22.92	14.57	1.00
Seer	Seer	480.2056	P10	66.00	25.05	27.83	27.83	28.52	0.010769	3.70	17.86	12.86	1.00
Seer	Seer	440.2055	P1	150.00	25.11	29.28	27.66	29.35	0.000629	1.23	136.12	110.34	0.27
Seer	Seer	440.2055	P2	123.00	25.11	28.98	27.44	29.05	0.000719	1.20	109.13	99.36	0.28
Seer	Seer	440.2055	P5	90.00	25.11	28.46	27.14	28.54	0.001004	1.23	73.09	49.48	0.32
Seer	Seer	440.2055	P10	66.00	25.11	27.95	26.88	28.04	0.001338	1.31	50.22	38.15	0.37
Seer	Seer	389.8869	P1	150.00	24.11	29.29	26.67	29.32	0.000198	0.98	285.61	788.65	0.16
Seer	Seer	389.8869	P2	123.00	24.11	28.99	26.41	29.02	0.000214	0.96	232.56	788.47	0.17
Seer	Seer	389.8869	P5	90.00	24.11	28.45	26.05	28.50	0.000296	1.01	139.50	757.62	0.19
Seer	Seer	389.8869	P10	66.00	24.11	27.94	25.74	27.99	0.000375	1.01	66.28	38.54	0.21
Seer	Seer	320.2055	P1	150.00	23.61	29.26	26.71	29.30	0.000300	1.16	280.47	263.92	0.19
Seer	Seer	320.2055	P2	123.00	23.61	28.94	26.40	29.00	0.000380	1.22	197.74	234.22	0.22
Seer	Seer	320.2055	P5	90.00	23.61	28.37	25.98	28.46	0.000622	1.38	68.55	216.78	0.27
Seer	Seer	320.2055	P10	66.00	23.61	27.88	25.62	27.96	0.000487	1.21	54.35	87.89	0.23
Seer	Seer	240.2055	P1	150.00	23.59	29.01	27.12	29.23	0.001193	2.16	99.52	90.68	0.37
Seer	Seer	240.2055	P2	123.00	23.59	28.70	26.79	28.92	0.001213	2.08	71.69	90.06	0.37
Seer	Seer	240.2055	P5	90.00	23.59	28.21	26.32	28.38	0.001099	1.82	50.10	26.50	0.34
Seer	Seer	240.2055	P10	66.00	23.59	27.77	25.91	27.90	0.000934	1.58	41.82	16.16	0.31
Seer	Seer	163.136	P1	150.00	24.28	28.77	27.77	29.08	0.002202	2.59	85.89	636.45	0.50
Seer	Seer	163.136	P2	123.00	24.28	28.37	27.47	28.74	0.002930	2.73	45.92	25.30	0.57
Seer	Seer	163.136	P5	90.00	24.28	27.92	27.05	28.23	0.002830	2.46	36.64	17.85	0.55
Seer	Seer	163.136	P10	66.00	24.28	27.50	26.67	27.76	0.002700	2.23	29.57	16.07	0.53
Seer	Seer	113.5988	P1	150.00	24.17	28.03	27.86	28.81	0.007239	3.91	40.58	45.56	0.88
Seer	Seer	113.5988	P2	123.00	24.17	27.81	27.53	28.47	0.006879	3.62	34.04	19.64	0.84
Seer	Seer	113.5988	P5	90.00	24.17	27.50	27.10	28.00	0.005509	3.14	28.69	15.98	0.75
Seer	Seer	113.5988	P10	66.00	24.17	27.12	26.73	27.54	0.005354	2.87	22.99	14.33	0.72
Seer	Seer	80.10203	P1	150.00	23.79	28.11	27.34	28.51	0.003046	2.89	63.80	81.38	0.58
Seer	Seer	80.10203	P2	123.00	23.79	27.83	26.95	28.21	0.003214	2.76	49.58	39.53	0.59
Seer	Seer	80.10203	P5	90.00	23.79	27.48	26.50	27.78	0.003001	2.43	37.11	21.59	0.56
Seer	Seer	80.10203	P10	66.00	23.79	27.12	26.12	27.35	0.002318	2.15	30.74	15.53	0.49
Seer	Seer	60.09513	P1	150.00	23.78	28.08	27.37	28.43	0.002754	2.70	67.28	90.33	0.56
Seer	Seer	60.09513	P2	123.00	23.78	27.80	27.04	28.13	0.002907	2.56	52.18	45.54	0.56
Seer	Seer	60.09513	P5	90.00	23.78	27.45	26.49	27.71	0.002813	2.28	41.09	31.35	0.54
Seer	Seer	60.09513	P10	66.00	23.78	27.07	26.11	27.30	0.002842	2.11	31.34	19.34	0.53
Kane	Kane	12814.34	P1	342.00	67.50	70.09	70.09	71.13	0.008799	4.57	79.95	44.39	0.97
Kane	Kane	12814.34	P2	281.00	67.50	69.81	69.81	70.74	0.009270	4.30	68.51	39.70	0.98
Kane	Kane	12814.34	P5	205.00	67.50	69.44	69.44	70.21	0.010011	3.89	54.25	37.51	0.98
Kane	Kane	12814.34	P10	151.00	67.50	69.14	69.14	69.78	0.010854	3.54	43.39	35.76	0.99
Kane	Kane	12755.72	P1	342.00	66.40	69.84	68.97	70.22	0.002439	2.97	147.48	64.26	0.54
Kane	Kane	12755.72	P2	281.00	66.40	69.58	68.73	69.90	0.002286	2.71	131.04	62.38	0.52
Kane	Kane	12755.72	P5	205.00	66.40	69.22	68.41	69.46	0.002003	2.32	109.41	59.50	0.47
Kane	Kane	12755.72	P10	151.00	66.40	68.88	68.14	69.07	0.001896	2.04	89.43	56.40	0.45
Kane	Kane	12637.3	P1	342.00	65.80	68.87	68.87	69.67	0.007684	4.15	106.13	99.89	0.89
Kane	Kane	12637.3	P2	281.00	65.80	68.68	68.68	69.38	0.007260	3.83	89.74	82.04	0.86
Kane	Kane	12637.3	P5	205.00	65.80	68.30	68.30	68.96	0.008275	3.62	61.21	69.18	0.89
Kane	Kane	12637.3	P10	151.00	65.80	67.86	67.86	68.52	0.011270	3.60	41.90	31.64	1.00
Kane	Kane	12541.65	P1	342.00	64.94	68.55	67.95	69.05	0.003166	3.33	136.92	83.95	0.61
Kane	Kane	12541.65	P2	281.00	64.94	68.28	67.67	68.71	0.003025	3.06	116.86	69.96	0.59
Kane	Kane	12541.65	P5	205.00	64.94	67.91	67.27	68.25	0.002768	2.66	92.79	62.11	0.55
Kane	Kane	12541.65	P10	151.00	64.94	67.59	66.88	67.85	0.002603	2.34	73.53	55.03	0.52
Kane	Kane	12429.18	P1	342.00	64.20	68.23	67.74	68.67	0.003172	3.42	165.02	106.94	0.61
Kane	Kane	12429.18	P2	281.00	64.20	67.92	67.48	68.35	0.003385	3.30	133.71	96.15	0.62
Kane	Kane	12429.18	P5	205.00	64.20	67.51	67.08	67.89	0.003561	3.04	97.09	78.91	0.62
Kane	Kane	12429.18	P10	151.00	64.20	67.16	66.75	67.50	0.003599	2.77	72.56	64.47	0.61
Kane	Kane	12319.4	P1	342.00	63.35	67.24	67.24	68.10	0.006479	4.46	105.89	93.82	0.85
Kane	Kane	12319.4	P2	281.00	63.35	66.98	66.98	67.78	0.006516	4.20	89.33	90.11	0.84

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Kane	Kane	12319.4	P5	205.00	63.35	66.60	66.60	67.31	0.006777	3.85	66.18	84.52	0.83
Kane	Kane	12319.4	P10	151.00	63.35	66.24	66.07	66.89	0.007476	3.58	46.42	79.29	0.85
Kane	Kane	12200.51	P1	342.00	63.25	66.12	66.24	67.16	0.009535	4.96	93.16	84.39	1.02
Kane	Kane	12200.51	P2	281.00	63.25	65.87	65.99	66.82	0.009794	4.68	79.32	81.46	1.01
Kane	Kane	12200.51	P5	205.00	63.25	65.55	65.65	66.34	0.009744	4.20	62.35	77.35	0.98
Kane	Kane	12200.51	P10	151.00	63.25	65.36	65.36	65.94	0.008180	3.57	52.66	74.72	0.88
Kane	Kane	12078.94	P1	342.00	62.66	64.87	65.11	65.77	0.014060	5.16	113.59	107.20	1.19
Kane	Kane	12078.94	P2	281.00	62.66	64.81	64.96	65.50	0.011205	4.50	106.69	106.28	1.06
Kane	Kane	12078.94	P5	205.00	62.66	64.69	64.74	65.18	0.008237	3.69	94.21	104.59	0.90
Kane	Kane	12078.94	P10	151.00	62.66	64.49	64.54	64.92	0.008133	3.38	73.67	98.89	0.87
Kane	Kane	11971.25	P1	342.00	61.76	64.81	64.17	65.09	0.003184	3.02	206.30	143.08	0.60
Kane	Kane	11971.25	P2	281.00	61.76	64.62	64.15	64.87	0.003067	2.82	179.71	138.24	0.58
Kane	Kane	11971.25	P5	205.00	61.76	64.37	63.93	64.57	0.002750	2.47	145.77	128.30	0.54
Kane	Kane	11971.25	P10	151.00	61.76	64.13	63.75	64.29	0.002318	2.10	118.31	120.36	0.49
Kane	Kane	11892.7	P1	342.00	61.17	64.23		64.67	0.006076	3.85	161.51	119.91	0.80
Kane	Kane	11892.7	P2	281.00	61.17	64.03	63.96	64.46	0.006320	3.70	138.13	117.42	0.80
Kane	Kane	11892.7	P5	205.00	61.17	63.77	63.77	64.18	0.006302	3.49	107.53	114.84	0.79
Kane	Kane	11892.7	P10	151.00	61.17	63.59	63.59	63.95	0.005559	3.12	87.48	113.65	0.73
Kane	Kane	11818.6	P1	342.00	60.96	63.94	63.61	64.28	0.003910	3.20	178.08	117.05	0.65
Kane	Kane	11818.6	P2	281.00	60.96	63.76	63.46	64.06	0.003754	2.98	156.89	115.79	0.63
Kane	Kane	11818.6	P5	205.00	60.96	63.49	63.25	63.75	0.003534	2.66	126.56	111.69	0.60
Kane	Kane	11818.6	P10	151.00	60.96	63.26	63.02	63.48	0.003456	2.43	100.48	110.32	0.58
Kane	Kane	11700.87	P1	342.00	60.22	63.06	63.06	63.57	0.010256	4.98	152.88	132.84	1.04
Kane	Kane	11700.87	P2	281.00	60.22	62.91	62.91	63.38	0.009844	4.68	133.82	126.66	1.01
Kane	Kane	11700.87	P5	205.00	60.22	62.71	62.71	63.11	0.009053	4.20	108.64	118.00	0.95
Kane	Kane	11700.87	P10	151.00	60.22	62.54	62.54	62.88	0.008191	3.76	89.18	110.84	0.89
Kane	Kane	11638.55	P1	342.00	59.38	62.74	62.15	63.00	0.002512	2.77	211.41	145.38	0.54
Kane	Kane	11638.55	P2	281.00	59.38	62.47	61.96	62.73	0.002682	2.67	174.29	132.89	0.54
Kane	Kane	11638.55	P5	205.00	59.38	62.10	61.66	62.35	0.002897	2.49	128.81	116.55	0.55
Kane	Kane	11638.55	P10	151.00	59.38	61.81	61.42	62.03	0.003032	2.30	96.33	100.51	0.55
Kane	Kane	11591.72	P1	342.00	59.11	62.00	62.00	62.73	0.007590	3.98	108.19	115.03	0.89
Kane	Kane	11591.72	P2	281.00	59.11	61.79	61.79	62.46	0.007746	3.74	91.72	99.80	0.88
Kane	Kane	11591.72	P5	205.00	59.11	61.49	61.49	62.07	0.008365	3.44	67.98	77.26	0.89
Kane	Kane	11591.72	P10	151.00	59.11	61.16	61.16	61.72	0.010835	3.33	46.62	52.89	0.97
Kane	Kane	11532.97	P1	342.00	58.45	61.93	61.15	62.19	0.002179	2.76	247.12	213.54	0.51
Kane	Kane	11532.97	P2	281.00	58.45	61.74	60.93	61.92	0.001664	2.31	208.70	204.89	0.44
Kane	Kane	11532.97	P5	205.00	58.45	61.34	60.65	61.51	0.001788	2.16	157.97	120.71	0.44
Kane	Kane	11532.97	P10	151.00	58.45	60.91	60.40	61.09	0.002351	2.16	108.90	103.56	0.49
Kane	Kane	11458.06	P1	342.00	57.79	61.25	61.25	61.88	0.004827	3.98	144.51	121.29	0.75
Kane	Kane	11458.06	P2	281.00	57.79	61.04	61.04	61.64	0.004744	3.75	120.01	117.16	0.73
Kane	Kane	11458.06	P5	205.00	57.79	60.46	60.10	61.16	0.007028	3.88	66.16	104.59	0.86
Kane	Kane	11458.06	P10	151.00	57.79	60.30	60.09	60.78	0.005171	3.16	57.98	101.19	0.72
Kane	Kane	11367.35	P1	342.00	57.10	60.81	60.44	61.15	0.003037	3.28	200.29	136.48	0.60
Kane	Kane	11367.35	P2	281.00	57.10	60.64	60.26	60.94	0.002790	3.03	177.07	134.16	0.57
Kane	Kane	11367.35	P5	205.00	57.10	60.42	59.55	60.65	0.002208	2.56	149.04	124.30	0.50
Kane	Kane	11367.35	P10	151.00	57.10	60.24	59.55	60.41	0.001727	2.16	126.86	116.86	0.44
Kane	Kane	11345.25		Inl Struct									
Kane	Kane	11324.18	P1	342.00	57.00	60.35	59.94	60.74	0.003777	3.51	172.20	106.53	0.66
Kane	Kane	11324.18	P2	281.00	57.00	60.08	59.75	60.45	0.004046	3.39	143.55	99.51	0.67
Kane	Kane	11324.18	P5	205.00	57.00	59.76	59.43	60.08	0.003883	3.04	113.52	91.59	0.65
Kane	Kane	11324.18	P10	151.00	57.00	59.45	59.19	59.75	0.004081	2.83	86.59	81.92	0.65
Kane	Kane	11259.04	P1	342.00	56.42	59.97	59.62	60.46	0.004246	3.64	147.91	90.32	0.70
Kane	Kane	11259.04	P2	281.00	56.42	59.58	59.40	60.12	0.005422	3.72	114.38	81.49	0.77
Kane	Kane	11259.04	P5	205.00	56.42	59.09	59.09	59.68	0.007588	3.77	76.97	71.06	0.88
Kane	Kane	11259.04	P10	151.00	56.42	58.82	58.82	59.34	0.007873	3.46	58.23	65.92	0.87
Kane	Kane	11176.99	P1	342.00	55.23	59.86	59.10	60.17	0.001848	2.90	196.28	102.03	0.48
Kane	Kane	11176.99	P2	281.00	55.23	59.43	58.45	59.77	0.002209	2.92	153.97	95.72	0.51
Kane	Kane	11176.99	P5	205.00	55.23	58.81	58.27	59.22	0.003109	3.02	97.51	86.58	0.59
Kane	Kane	11176.99	P10	151.00	55.23	58.39	57.92	58.74	0.003233	2.75	67.82	80.43	0.58
Kane	Kane	11098.18	P1	342.00	54.73	58.66	58.66	59.76	0.007032	4.99	88.55	81.09	0.90
Kane	Kane	11098.18	P2	281.00	54.73	58.34	58.34	59.35	0.007182	4.70	75.81	78.56	0.89
Kane	Kane	11098.18	P5	205.00	54.73	57.93	57.93	58.77	0.007208	4.23	59.12	75.04	0.87
Kane	Kane	11098.18	P10	151.00	54.73	57.55	57.55	58.29	0.007619	3.88	44.46	55.18	0.87
Kane	Kane	11017.48	P1	342.00	55.21	57.30	57.55	58.80	0.018965	5.80	75.27	83.32	1.38
Kane	Kane	11017.48	P2	281.00	55.21	57.66	57.48	58.31	0.006554	3.86	100.25	85.70	0.84
Kane	Kane	11017.48	P5	205.00	55.21	56.96	57.22	57.93	0.015338	4.54	54.67	81.12	1.20
Kane	Kane	11017.48	P10	151.00	55.21	57.05	56.96	57.50	0.006520	3.09	60.41	81.74	0.79
Kane	Kane	10936.91	P1	342.00	53.80	57.77	57.35	58.17	0.002959	3.31	170.03	98.33	0.59
Kane	Kane	10936.91	P2	281.00	53.80	57.42	57.13	57.85	0.003464	3.32	135.83	95.52	0.62

## HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Kane	Kane	10936.91	P5	205.00	53.80	56.90	56.81	57.40	0.004619	3.37	88.79	87.61	0.69
Kane	Kane	10936.91	P10	151.00	53.80	56.66	56.30	57.07	0.004097	2.95	67.91	84.57	0.64
Kane	Kane	10855.32	P1	342.00	53.50	57.68		57.92	0.001857	2.70	211.33	103.12	0.47
Kane	Kane	10855.32	P2	281.00	53.50	57.31		57.56	0.002137	2.68	173.73	100.50	0.50
Kane	Kane	10855.32	P5	205.00	53.50	56.67		57.02	0.003594	2.96	110.62	95.95	0.62
Kane	Kane	10855.32	P10	151.00	53.50	56.21	55.97	56.67	0.005603	3.20	67.49	87.40	0.74
Kane	Kane	10774.69	P1	342.00	52.87	57.48	56.46	57.77	0.001780	2.79	204.41	110.66	0.47
Kane	Kane	10774.69	P2	281.00	52.87	57.01		57.36	0.002376	2.94	153.26	107.48	0.53
Kane	Kane	10774.69	P5	205.00	52.87	56.46	55.89	56.76	0.002499	2.65	105.78	103.76	0.52
Kane	Kane	10774.69	P10	151.00	52.87	55.97	55.58	56.28	0.003265	2.63	75.29	100.38	0.58
Kane	Kane	10694.32	P1	342.00	52.78	56.16	56.16	57.33	0.008617	4.83	75.39	35.30	0.95
Kane	Kane	10694.32	P2	281.00	52.78	55.85	55.85	56.89	0.008944	4.56	64.53	34.07	0.96
Kane	Kane	10694.32	P5	205.00	52.78	55.40	55.40	56.29	0.009830	4.18	49.61	32.30	0.98
Kane	Kane	10694.32	P10	151.00	52.78	55.09	55.02	55.79	0.009469	3.70	40.84	25.98	0.94
Kane	Kane	10614.32	P1	342.00	52.26	54.87	55.33	56.32	0.017753	5.88	95.64	128.55	1.34
Kane	Kane	10614.32	P2	281.00	52.26	54.80	55.18	55.97	0.014617	5.21	86.40	128.00	1.21
Kane	Kane	10614.32	P5	205.00	52.26	54.74	54.96	55.47	0.009164	4.04	79.01	127.56	0.95
Kane	Kane	10614.32	P10	151.00	52.26	54.76	54.76	55.14	0.004818	2.94	80.41	127.65	0.69
Kane	Kane	10534.32	P1	342.00	51.42	54.46	54.61	55.18	0.007256	4.34	139.56	142.13	0.89
Kane	Kane	10534.32	P2	281.00	51.42	54.18	54.46	54.95	0.008503	4.33	103.70	137.25	0.94
Kane	Kane	10534.32	P5	205.00	51.42	53.78	53.97	54.64	0.011229	4.34	65.07	79.09	1.05
Kane	Kane	10534.32	P10	151.00	51.42	53.39	53.71	54.37	0.016807	4.47	39.24	51.36	1.23
Kane	Kane	10454.32	P1	342.00	50.91	54.35	53.96	54.64	0.002480	2.92	209.98	137.79	0.54
Kane	Kane	10454.32	P2	281.00	50.91	53.95	53.73	54.33	0.003510	3.16	155.92	135.29	0.63
Kane	Kane	10454.32	P5	205.00	50.91	53.52	53.49	53.95	0.004576	3.19	102.10	132.55	0.70
Kane	Kane	10454.32	P10	151.00	50.91	53.25	52.91	53.54	0.003678	2.61	77.68	124.23	0.61
Kane	Kane	10374.32	P1	342.00	50.69	54.11	53.39	54.43	0.002941	3.17	200.05	144.73	0.59
Kane	Kane	10374.32	P2	281.00	50.69	53.78	53.21	54.04	0.002813	2.87	161.74	141.81	0.56
Kane	Kane	10374.32	P5	205.00	50.69	53.31	52.97	53.58	0.003567	2.83	119.28	133.27	0.61
Kane	Kane	10374.32	P10	151.00	50.69	52.92	52.77	53.22	0.004789	2.86	85.57	129.82	0.69
Kane	Kane	10294.32	P1	342.00	49.81	52.94	52.94	53.92	0.008802	4.72	88.93	123.10	0.98
Kane	Kane	10294.32	P2	281.00	49.81	52.69	52.69	53.56	0.009017	4.43	76.98	120.79	0.97
Kane	Kane	10294.32	P5	205.00	49.81	52.33	52.33	53.05	0.009420	4.00	60.92	77.49	0.97
Kane	Kane	10294.32	P10	151.00	49.81	52.06	52.04	52.65	0.009302	3.56	49.36	66.88	0.93
Kane	Kane	10214.32	P1	342.00	48.71	52.38	52.23	52.93	0.006339	4.23	154.12	116.34	0.83
Kane	Kane	10214.32	P2	281.00	48.71	52.17	52.06	52.63	0.005875	3.85	132.02	101.94	0.79
Kane	Kane	10214.32	P5	205.00	48.71	51.95	51.82	52.32	0.004982	3.33	110.20	98.40	0.72
Kane	Kane	10214.32	P10	151.00	48.71	51.83	51.61	52.08	0.003591	2.72	98.36	96.70	0.60
Kane	Kane	10134.32	P1	342.00	48.28	52.17	51.86	52.50	0.003156	3.24	204.78	146.57	0.60
Kane	Kane	10134.32	P2	281.00	48.28	51.74	51.70	52.21	0.005005	3.67	143.14	134.91	0.74
Kane	Kane	10134.32	P5	205.00	48.28	51.47	51.47	51.91	0.004943	3.38	107.68	128.16	0.72
Kane	Kane	10134.32	P10	151.00	48.28	51.05	51.05	51.63	0.007293	3.58	58.18	66.55	0.85
Kane	Kane	10054.52	P1	342.00	47.64	52.11	50.89	52.28	0.001493	2.35	275.04	164.44	0.42
Kane	Kane	10054.52	P2	281.00	47.64	51.59	50.88	51.85	0.002638	2.77	190.34	160.73	0.54
Kane	Kane	10054.52	P5	205.00	47.64	51.08	50.73	51.50	0.004446	3.17	111.13	150.02	0.68
Kane	Kane	10054.52	P10	151.00	47.64	50.85	50.40	51.08	0.002853	2.41	88.34	144.18	0.54
Kane	Kane	9974.324	P1	342.00	47.12	50.69	50.69	51.84	0.011455	5.31	93.23	147.79	1.09
Kane	Kane	9974.324	P2	281.00	47.12	50.76	50.76	51.47	0.006923	4.18	97.46	150.34	0.85
Kane	Kane	9974.324	P5	205.00	47.12	50.44	50.44	51.06	0.006451	3.78	77.20	138.03	0.81
Kane	Kane	9974.324	P10	151.00	47.12	50.16	50.16	50.71	0.006148	3.45	59.22	126.99	0.78
Kane	Kane	9882.746	P1	342.00	46.47	50.32	50.00	50.83	0.004077	3.52	137.49	167.26	0.68
Kane	Kane	9882.746	P2	281.00	46.47	49.99	49.80	50.51	0.004716	3.48	111.88	144.40	0.71
Kane	Kane	9882.746	P5	205.00	46.47	49.21	49.49	50.19	0.012350	4.45	53.60	87.50	1.09
Kane	Kane	9882.746	P10	151.00	46.47	48.78	49.02	49.78	0.015469	4.42	34.13	24.35	1.18
Kane	Kane	9854.324	P1	342.00	46.14	49.82	49.82	50.63	0.006006	4.28	111.42	151.80	0.82
Kane	Kane	9854.324	P2	281.00	46.14	49.63	49.59	50.33	0.005525	3.92	97.43	143.40	0.78
Kane	Kane	9854.324	P5	205.00	46.14	49.21	49.21	49.89	0.006329	3.72	66.83	106.60	0.81
Kane	Kane	9854.324	P10	151.00	46.14	48.86	48.63	49.44	0.006591	3.38	47.02	57.22	0.80
Kane	Kane	9774.324	P1	342.00	44.87	49.22	49.48	50.12	0.006506	4.38	112.62	150.53	0.85
Kane	Kane	9774.324	P2	281.00	44.87	48.90	48.90	49.79	0.007260	4.26	76.05	55.72	0.88
Kane	Kane	9774.324	P5	205.00	44.87	48.36	48.39	49.23	0.009670	4.15	51.43	39.79	0.97
Kane	Kane	9774.324	P10	151.00	44.87	47.96	47.96	48.74	0.010587	3.92	38.75	25.97	0.99
Kane	Kane	9694.324	P1	342.00	43.55	47.94	48.43	49.35	0.010872	5.64	89.01	101.89	1.08
Kane	Kane	9694.324	P2	281.00	43.55	47.72	48.18	49.01	0.010645	5.28	68.15	81.28	1.05
Kane	Kane	9694.324	P5	205.00	43.55	47.33	47.50	48.39	0.010453	4.70	50.50	36.65	1.01
Kane	Kane	9694.324	P10	151.00	43.55	46.93	47.05	47.87	0.010346	4.35	38.15	27.07	0.99
Kane	Kane	9614.324	P1	342.00	43.04	47.82	47.84	48.52	0.005012	4.03	129.15	104.39	0.74
Kane	Kane	9614.324	P2	281.00	43.04	47.61	47.61	48.26	0.004716	3.79	107.10	102.47	0.71
Kane	Kane	9614.324	P5	205.00	43.04	47.08	46.65	47.73	0.005194	3.63	65.29	48.41	0.73
Kane	Kane	9614.324	P10	151.00	43.04	46.69	46.13	47.22	0.004774	3.23	49.54	33.09	0.69

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chl
Kane	Kane	9534.324	P1	342.00	43.28	47.32	47.16	47.96	0.004662	3.83	125.44	82.18	0.72
Kane	Kane	9534.324	P2	281.00	43.28	47.18	46.93	47.69	0.003955	3.41	113.52	80.90	0.66
Kane	Kane	9534.324	P5	205.00	43.28	46.89	46.41	47.30	0.003359	2.93	91.23	78.85	0.60
Kane	Kane	9534.324	P10	151.00	43.28	46.39	45.87	46.81	0.004261	2.91	58.00	57.68	0.65
Kane	Kane	9503.567	P1	342.00	43.18	47.07	47.07	47.78	0.006107	4.04	121.29	96.05	0.81
Kane	Kane	9503.567	P2	281.00	43.18	46.84	46.84	47.51	0.006055	3.85	99.70	89.17	0.80
Kane	Kane	9503.567	P5	205.00	43.18	46.33	46.18	47.08	0.007701	3.88	60.23	58.55	0.88
Kane	Kane	9503.567	P10	151.00	43.18	46.03	45.83	46.62	0.006922	3.40	46.59	41.88	0.82
Kane	Kane	9454.324	P1	342.00	43.01	46.96	46.46	47.36	0.002980	3.00	160.05	115.17	0.58
Kane	Kane	9454.324	P2	281.00	43.01	46.76	46.02	47.11	0.002732	2.76	137.08	106.18	0.55
Kane	Kane	9454.324	P5	205.00	43.01	46.40		46.69	0.002560	2.48	101.54	90.54	0.52
Kane	Kane	9454.324	P10	151.00	43.01	46.05		46.29	0.002398	2.22	75.28	63.54	0.50
Kane	Kane	9424.322	P1	342.00	42.74	46.90		47.27	0.002459	3.18	185.58	119.54	0.55
Kane	Kane	9424.322	P2	281.00	42.74	46.71		47.01	0.002144	2.86	163.85	108.58	0.51
Kane	Kane	9424.322	P5	205.00	42.74	46.37		46.60	0.001843	2.46	129.98	88.83	0.46
Kane	Kane	9424.322	P10	151.00	42.74	46.02		46.21	0.001732	2.19	101.03	77.27	0.44
Kane	Kane	9374.324	P1	342.00	42.10	46.55	46.39	47.08	0.003851	3.84	162.34	119.90	0.66
Kane	Kane	9374.324	P2	281.00	42.10	46.24	46.10	46.81	0.004407	3.84	125.70	109.72	0.70
Kane	Kane	9374.324	P5	205.00	42.10	45.72	45.72	46.37	0.005705	3.86	78.34	73.92	0.77
Kane	Kane	9374.324	P10	151.00	42.10	45.35	45.35	45.98	0.006234	3.64	53.80	59.82	0.79
Kane	Kane	9328	P1	342.00	41.21	46.62	45.52	46.87	0.001442	2.47	209.40	130.14	0.42
Kane	Kane	9328	P2	281.00	41.21	46.34	45.03	46.57	0.001412	2.31	174.25	121.26	0.41
Kane	Kane	9328	P5	205.00	41.21	45.84	44.60	46.06	0.001517	2.15	119.36	89.61	0.41
Kane	Kane	9328	P10	151.00	41.21	45.42	44.23	45.61	0.001552	1.95	86.19	66.25	0.40
Kane	Kane	9290.073	P1	342.00	41.59	45.94	45.94	46.68	0.005856	4.00	116.83	109.33	0.80
Kane	Kane	9290.073	P2	281.00	41.59	45.54	45.50	46.35	0.007671	4.09	81.07	68.09	0.89
Kane	Kane	9290.073	P5	205.00	41.59	45.26	45.12	45.87	0.006770	3.51	64.48	55.09	0.81
Kane	Kane	9290.073	P10	151.00	41.59	44.87	44.68	45.43	0.007609	3.30	46.19	38.06	0.84
Kane	Kane	9269.163	P1	342.00	41.34	45.57	45.69	46.50	0.008175	4.36	92.84	81.51	0.92
Kane	Kane	9269.163	P2	281.00	41.34	45.40	45.40	46.18	0.007475	3.96	80.16	73.39	0.87
Kane	Kane	9269.163	P5	205.00	41.34	44.87	44.87	45.66	0.010403	3.95	52.43	35.89	0.98
Kane	Kane	9269.163	P10	151.00	41.34	44.48	44.48	45.20	0.011226	3.77	40.08	27.68	1.00
Kane	Kane	9250.042	P1	342.00	41.57	45.73	44.94	46.28	0.002948	3.41	118.67	110.09	0.59
Kane	Kane	9250.042	P2	281.00	41.57	45.12	44.51	45.75	0.004117	3.55	88.01	72.96	0.67
Kane	Kane	9250.042	P5	205.00	41.57	43.53	44.01	45.20	0.023747	5.73	35.80	23.19	1.47
Kane	Kane	9250.042	P10	151.00	41.57	43.15	43.62	44.71	0.029221	5.52	27.35	22.09	1.58
Kane	Kane	9227		Bridge									
Kane	Kane	9210.476	P1	342.00	41.03	44.56	44.56	45.93	0.010146	5.20	65.82	27.11	1.00
Kane	Kane	9210.476	P2	281.00	41.03	44.26	44.18	45.42	0.009451	4.78	58.79	23.85	0.96
Kane	Kane	9210.476	P5	205.00	41.03	44.05	43.65	44.78	0.006444	3.80	53.92	22.57	0.79
Kane	Kane	9210.476	P10	151.00	41.03	43.78	43.22	44.28	0.004900	3.15	47.96	21.88	0.68
Kane	Kane	9199.679	P1	342.00	40.95	43.39	44.09	45.59	0.028591	6.58	51.96	32.15	1.65
Kane	Kane	9199.679	P2	281.00	40.95	44.65	43.79	45.06	0.003528	2.83	99.24	45.19	0.61
Kane	Kane	9199.679	P5	205.00	40.95	44.25	43.37	44.57	0.002884	2.48	82.57	39.34	0.55
Kane	Kane	9199.679	P10	151.00	40.95	43.90	43.03	44.14	0.002458	2.18	69.31	35.65	0.50
Kane	Kane	9162.005	P1	342.00	40.96	44.82	44.07	45.20	0.003206	2.78	136.86	150.30	0.59
Kane	Kane	9162.005	P2	281.00	40.96	44.56	43.75	44.91	0.003278	2.60	111.67	107.58	0.58
Kane	Kane	9162.005	P5	205.00	40.96	44.16	43.35	44.44	0.003151	2.36	86.91	51.62	0.56
Kane	Kane	9162.005	P10	151.00	40.96	43.81	43.02	44.04	0.002765	2.13	70.88	41.46	0.52
Kane	Kane	9128.819	P1	342.00	40.68	44.76	43.77	45.08	0.002636	2.56	150.09	116.61	0.53
Kane	Kane	9128.819	P2	281.00	40.68	44.50	43.46	44.79	0.002470	2.39	127.41	80.14	0.51
Kane	Kane	9128.819	P5	205.00	40.68	44.11	43.05	44.34	0.002094	2.12	99.41	62.92	0.47
Kane	Kane	9128.819	P10	151.00	40.68	43.76	42.71	43.94	0.001974	1.88	80.51	46.19	0.44
Kane	Kane	9090.64	P1	342.00	40.51	44.54	43.79	44.96	0.002920	2.94	140.44	116.54	0.57
Kane	Kane	9090.64	P2	281.00	40.51	44.30	43.49	44.67	0.002843	2.73	117.34	99.70	0.56
Kane	Kane	9090.64	P5	205.00	40.51	43.95	43.03	44.24	0.002568	2.37	90.54	60.07	0.52
Kane	Kane	9090.64	P10	151.00	40.51	43.64	42.67	43.85	0.002291	2.06	73.73	43.73	0.48
Kane	Kane	9047.974	P1	342.00	40.35	44.10	43.92	44.73	0.006714	3.55	105.41	146.36	0.82
Kane	Kane	9047.974	P2	281.00	40.35	44.01	43.65	44.49	0.005385	3.08	95.20	69.00	0.73
Kane	Kane	9047.974	P5	205.00	40.35	43.68	43.17	44.07	0.005188	2.76	75.22	54.94	0.70
Kane	Kane	9047.974	P10	151.00	40.35	43.39	42.74	43.70	0.004438	2.47	61.24	40.93	0.64
Kane	Kane	9009.204	P1	342.00	40.18	43.88	43.88	44.45	0.006494	3.45	124.13	169.93	0.81
Kane	Kane	9009.204	P2	281.00	40.18	43.57	43.55	44.20	0.008241	3.54	86.68	86.46	0.89
Kane	Kane	9009.204	P5	205.00	40.18	43.37	43.09	43.83	0.006607	3.00	70.12	72.93	0.79
Kane	Kane	9009.204	P10	151.00	40.18	43.20	42.72	43.52	0.005028	2.49	60.78	45.51	0.68
Kane	Kane	8967.95	P1	342.00	39.98	43.59	43.53	44.07	0.004936	3.27	150.74	174.58	0.72
Kane	Kane	8967.95	P2	281.00	39.98	43.44	43.32	43.87	0.004640	3.02	125.65	164.66	0.69
Kane	Kane	8967.95	P5	205.00	39.98	43.23	42.72	43.57	0.004045	2.61	92.16	150.26	0.63
Kane	Kane	8967.95	P10	151.00	39.98	43.09	42.35	43.32	0.003094	2.15	70.45	89.73	0.54

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Kane	Kane	8929.182	P1	342.00	39.76	43.54	43.31	43.85	0.003277	2.77	197.99	225.31	0.59
Kane	Kane	8929.182	P2	281.00	39.76	43.39	43.15	43.66	0.003136	2.58	169.53	214.30	0.57
Kane	Kane	8929.182	P5	205.00	39.76	43.15	42.62	43.40	0.002948	2.31	128.56	197.91	0.54
Kane	Kane	8929.182	P10	151.00	39.76	43.02	42.15	43.20	0.002265	1.93	106.01	189.25	0.47
Kane	Kane	8887.754	P1	342.00	39.41	43.35	43.21	43.70	0.003485	3.14	204.76	267.94	0.62
Kane	Kane	8887.754	P2	281.00	39.41	43.17	43.07	43.51	0.003509	3.01	171.18	253.21	0.61
Kane	Kane	8887.754	P5	205.00	39.41	42.96	42.54	43.26	0.003175	2.69	131.46	220.83	0.58
Kane	Kane	8887.754	P10	151.00	39.41	42.57	42.06	43.01	0.004935	2.95	52.17	39.48	0.69
Kane	Kane	8807.166	P1	342.00	38.92	42.89	42.88	43.36	0.004443	3.46	174.67	304.71	0.70
Kane	Kane	8807.166	P2	281.00	38.92	42.72	42.72	43.18	0.004388	3.28	143.54	292.74	0.68
Kane	Kane	8807.166	P5	205.00	38.92	42.44	42.22	42.91	0.004789	3.14	80.32	81.46	0.70
Kane	Kane	8807.166	P10	151.00	38.92	42.34	41.64	42.64	0.003141	2.47	72.79	77.17	0.56
Kane	Kane	8726.779	P1	342.00	38.56	42.50	42.50	42.99	0.004802	3.84	175.27	345.23	0.73
Kane	Kane	8726.779	P2	281.00	38.56	42.32	42.35	42.81	0.004808	3.68	146.81	331.32	0.72
Kane	Kane	8726.779	P5	205.00	38.56	42.11	42.11	42.53	0.004141	3.23	115.14	318.68	0.66
Kane	Kane	8726.779	P10	151.00	38.56	41.77	41.69	42.28	0.005258	3.29	61.87	72.34	0.73
Kane	Kane	8646.684	P1	342.00	38.18	42.39	41.86	42.53	0.001428	2.22	312.83	411.39	0.41
Kane	Kane	8646.684	P2	281.00	38.18	42.07	41.74	42.24	0.001873	2.36	243.78	393.18	0.46
Kane	Kane	8646.684	P5	205.00	38.18	41.30	41.55	42.02	0.008090	3.93	79.48	213.07	0.90
Kane	Kane	8646.684	P10	151.00	38.18	40.99	40.88	41.70	0.008875	3.72	40.58	26.91	0.92
Kane	Kane	8599.077	P1	342.00	38.37	42.33	41.41	42.47	0.001102	1.94	274.19	363.33	0.36
Kane	Kane	8599.077	P2	281.00	38.37	42.01	40.98	42.16	0.001238	1.91	223.60	344.79	0.37
Kane	Kane	8599.077	P5	205.00	38.37	41.50	40.61	41.68	0.001768	1.98	142.24	173.70	0.43
Kane	Kane	8599.077	P10	151.00	38.37	41.09	40.28	41.30	0.002421	2.02	75.32	49.15	0.49
Kane	Kane	8566.573	P1	342.00	37.61	42.30	41.01	42.44	0.000978	1.88	270.40	362.58	0.34
Kane	Kane	8566.573	P2	281.00	37.61	41.99	40.74	42.13	0.001063	1.82	223.27	317.25	0.35
Kane	Kane	8566.573	P5	205.00	37.61	41.47	40.35	41.62	0.001414	1.83	149.11	153.86	0.39
Kane	Kane	8566.573	P10	151.00	37.61	41.05	40.01	41.22	0.001797	1.83	83.29	47.87	0.43
Kane	Kane	8525.846	P1	342.00	38.30	41.67	41.28	42.27	0.004806	3.55	124.68	244.91	0.72
Kane	Kane	8525.846	P2	281.00	38.30	41.34	41.03	41.95	0.005463	3.49	87.60	55.13	0.76
Kane	Kane	8525.846	P5	205.00	38.30	40.96	40.64	41.45	0.005476	3.14	68.35	46.79	0.74
Kane	Kane	8525.846	P10	151.00	38.30	40.67	40.29	41.05	0.005207	2.77	55.36	41.92	0.70
Kane	Kane	8490.724	P1	342.00	38.34	41.74	40.76	42.04	0.002047	2.58	159.89	70.24	0.49
Kane	Kane	8490.724	P2	281.00	38.34	41.43	40.53	41.70	0.002019	2.42	138.80	66.59	0.48
Kane	Kane	8490.724	P5	205.00	38.34	41.01	40.19	41.23	0.001920	2.15	111.85	63.82	0.45
Kane	Kane	8490.724	P10	151.00	38.34	40.69	39.83	40.87	0.001760	1.89	91.77	61.93	0.43
Kane	Kane	8444.38		Bridge									
Kane	Kane	8409.538	P1	342.00	38.42	41.41	40.75	41.71	0.002544	2.65	162.81	144.58	0.53
Kane	Kane	8409.538	P2	281.00	38.42	41.11	40.57	41.40	0.002753	2.53	138.21	104.04	0.54
Kane	Kane	8409.538	P5	205.00	38.42	40.72	40.30	40.98	0.003127	2.37	105.27	101.97	0.56
Kane	Kane	8409.538	P10	151.00	38.42	40.40	39.95	40.64	0.003526	2.21	79.54	100.33	0.58
Kane	Kane	8375.683	P1	342.00	38.41	40.65	40.65	41.48	0.009315	4.25	93.28	71.41	0.97
Kane	Kane	8375.683	P2	281.00	38.41	40.44	40.44	41.17	0.009364	3.98	81.61	70.59	0.96
Kane	Kane	8375.683	P5	205.00	38.41	40.14	40.14	40.75	0.009509	3.59	65.42	69.45	0.94
Kane	Kane	8375.683	P10	151.00	38.41	39.90	39.90	40.41	0.009611	3.24	52.49	68.52	0.92
Kane	Kane	8345.073	P1	342.00	35.95	40.34	38.84	40.65	0.001663	2.46	144.30	83.79	0.43
Kane	Kane	8345.073	P2	281.00	35.95	40.07	38.58	40.32	0.001487	2.21	128.61	61.93	0.40
Kane	Kane	8345.073	P5	205.00	35.95	39.69	38.22	39.87	0.001199	1.84	111.25	40.85	0.36
Kane	Kane	8345.073	P10	151.00	35.95	39.30	37.94	39.42	0.001047	1.59	95.26	39.78	0.33
Kane	Kane	8306.857	P1	342.00	36.22	40.17	38.99	40.56	0.002580	2.76	123.86	45.69	0.54
Kane	Kane	8306.857	P2	281.00	36.22	39.92	38.71	40.24	0.002265	2.49	112.87	44.13	0.50
Kane	Kane	8306.857	P5	205.00	36.22	39.58	38.32	39.80	0.001795	2.09	97.98	41.80	0.44
Kane	Kane	8306.857	P10	151.00	36.22	39.20	38.00	39.37	0.001425	1.81	83.23	36.94	0.39
Kane	Kane	8270.272	P1	342.00	36.08	40.10	39.13	40.45	0.002328	2.69	140.69	102.78	0.52
Kane	Kane	8270.272	P2	281.00	36.08	39.85	38.86	40.15	0.002218	2.46	122.62	73.88	0.50
Kane	Kane	8270.272	P5	205.00	36.08	39.50	38.48	39.73	0.001982	2.11	98.86	60.22	0.46
Kane	Kane	8270.272	P10	151.00	36.08	39.13	38.15	39.31	0.001973	1.88	80.11	43.73	0.44
Kane	Kane	8226.481	P1	342.00	35.88	39.66	39.38	40.27	0.004486	3.72	122.80	69.16	0.70
Kane	Kane	8226.481	P2	281.00	35.88	39.49	39.13	39.99	0.003858	3.33	111.39	67.62	0.64
Kane	Kane	8226.481	P5	205.00	35.88	39.25	38.74	39.60	0.002983	2.77	95.02	65.74	0.56
Kane	Kane	8226.481	P10	151.00	35.88	38.84	38.25	39.17	0.003273	2.60	68.73	62.50	0.57
Kane	Kane	8146.449	P1	342.00	35.50	39.64		39.93	0.001689	2.52	181.86	102.83	0.45
Kane	Kane	8146.449	P2	281.00	35.50	39.48		39.70	0.001411	2.22	165.21	97.61	0.41
Kane	Kane	8146.449	P5	205.00	35.50	39.23		39.39	0.001046	1.81	142.30	90.27	0.35
Kane	Kane	8146.449	P10	151.00	35.50	38.83		38.95	0.001013	1.60	110.25	65.97	0.33
Kane	Kane	8063.811	P1	342.00	35.02	39.43	38.91	39.76	0.002601	2.74	181.93	140.26	0.54
Kane	Kane	8063.811	P2	281.00	35.02	39.28	38.69	39.55	0.002288	2.47	161.71	130.64	0.50
Kane	Kane	8063.811	P5	205.00	35.02	39.07	38.02	39.27	0.001772	2.07	134.97	123.17	0.44
Kane	Kane	8063.811	P10	151.00	35.02	38.58	37.61	38.81	0.002305	2.12	75.73	51.36	0.48

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Kane	Kane	7981.333	P1	342.00	34.41	39.10	38.95	39.50	0.003489	3.23	186.99	208.97	0.62
Kane	Kane	7981.333	P2	281.00	34.41	38.85	38.74	39.29	0.003923	3.21	143.32	173.73	0.65
Kane	Kane	7981.333	P5	205.00	34.41	38.31	38.00	38.94	0.006484	3.53	64.18	57.45	0.80
Kane	Kane	7981.333	P10	151.00	34.41	37.94	37.41	38.46	0.005735	3.22	47.20	30.73	0.74
Kane	Kane	7901.27	P1	342.00	34.31	38.59	38.59	39.17	0.004876	3.88	155.92	145.73	0.73
Kane	Kane	7901.27	P2	281.00	34.31	38.41	38.41	38.95	0.004582	3.62	131.82	132.61	0.70
Kane	Kane	7901.27	P5	205.00	34.31	37.85	37.69	38.46	0.005564	3.67	73.99	56.03	0.76
Kane	Kane	7901.27	P10	151.00	34.31	37.53	37.24	38.04	0.004933	3.27	57.23	47.18	0.70
Kane	Kane	7821.27	P1	342.00	33.93	37.99	37.82	38.62	0.005790	3.63	115.95	96.84	0.78
Kane	Kane	7821.27	P2	281.00	33.93	37.86	37.59	38.36	0.004866	3.21	104.12	89.22	0.71
Kane	Kane	7821.27	P5	205.00	33.93	37.65	37.06	38.00	0.003800	2.66	86.50	78.69	0.62
Kane	Kane	7821.27	P10	151.00	33.93	37.29	36.69	37.60	0.004107	2.48	60.95	37.89	0.62
Kane	Kane	7741.876	P1	342.00	33.73	37.86	37.58	38.15	0.003165	2.60	195.19	291.59	0.57
Kane	Kane	7741.876	P2	281.00	33.73	37.68	37.41	37.96	0.003233	2.48	160.26	278.55	0.57
Kane	Kane	7741.876	P5	205.00	33.73	37.43	36.79	37.68	0.003233	2.26	112.49	186.27	0.56
Kane	Kane	7741.876	P10	151.00	33.73	36.94	36.40	37.24	0.004863	2.42	62.38	45.87	0.66
Kane	Kane	7661.732	P1	342.00	33.37	37.45	37.23	37.89	0.003218	3.46	180.93	135.99	0.61
Kane	Kane	7661.732	P2	281.00	33.37	37.04	37.04	37.61	0.004545	3.75	126.88	123.95	0.71
Kane	Kane	7661.732	P5	205.00	33.37	36.44	36.44	37.21	0.007244	4.04	62.71	52.71	0.87
Kane	Kane	7661.732	P10	151.00	33.37	36.29	35.99	36.80	0.005150	3.27	55.30	45.44	0.72
Kane	Kane	7581.108	P1	342.00	33.09	36.47	36.47	37.40	0.008416	4.58	107.09	106.20	0.95
Kane	Kane	7581.108	P2	281.00	33.09	36.31	36.43	37.11	0.007658	4.17	90.99	98.72	0.90
Kane	Kane	7581.108	P5	205.00	33.09	35.94	35.94	36.66	0.008351	3.86	62.15	80.24	0.91
Kane	Kane	7581.108	P10	151.00	33.09	35.60	35.60	36.25	0.008687	3.60	46.27	43.17	0.91
Kane	Kane	7499.454	P1	342.00	32.67	36.62	35.48	36.90	0.001823	2.38	171.45	142.00	0.46
Kane	Kane	7499.454	P2	281.00	32.67	36.37	35.17	36.62	0.001790	2.22	141.45	126.05	0.45
Kane	Kane	7499.454	P5	205.00	32.67	35.95	34.75	36.15	0.001780	1.96	107.72	61.77	0.43
Kane	Kane	7499.454	P10	151.00	32.67	35.57	34.42	35.73	0.001716	1.77	86.03	51.65	0.41
Kane	Kane	7424.979	P1	342.00	32.29	36.17	35.85	36.66	0.004316	3.17	127.95	97.92	0.68
Kane	Kane	7424.979	P2	281.00	32.29	35.87	35.45	36.36	0.004910	3.12	99.91	92.02	0.71
Kane	Kane	7424.979	P5	205.00	32.29	35.43	35.07	35.88	0.005694	2.97	69.10	42.15	0.74
Kane	Kane	7424.979	P10	151.00	32.29	35.11	34.66	35.48	0.005524	2.69	56.06	38.64	0.71
Kane	Kane	7340.572	P1	342.00	31.75	35.98	35.38	36.32	0.002564	2.86	166.33	91.00	0.54
Kane	Kane	7340.572	P2	281.00	31.75	35.66	34.94	35.99	0.002726	2.79	138.83	89.96	0.55
Kane	Kane	7340.572	P5	205.00	31.75	35.06	34.71	35.47	0.003882	2.94	88.73	79.66	0.63
Kane	Kane	7340.572	P10	151.00	31.75	34.60	34.13	35.03	0.004895	2.90	56.97	66.01	0.69
Kane	Kane	7265.073	P1	342.00	31.56	35.53	34.73	36.05	0.003310	3.30	130.80	239.78	0.61
Kane	Kane	7265.073	P2	281.00	31.56	35.21	34.41	35.72	0.003511	3.18	99.03	133.04	0.62
Kane	Kane	7265.073	P5	205.00	31.56	34.80	33.95	35.19	0.003132	2.76	74.20	32.81	0.57
Kane	Kane	7265.073	P10	151.00	31.56	34.39	33.57	34.70	0.002894	2.45	61.61	29.54	0.54
Kane	Kane	7184.631	P1	342.00	30.79	35.28	34.78	35.77	0.003395	3.25	135.14	163.40	0.62
Kane	Kane	7184.631	P2	281.00	30.79	34.89	34.32	35.41	0.004162	3.27	101.46	79.55	0.67
Kane	Kane	7184.631	P5	205.00	30.79	34.35	33.86	34.86	0.004961	3.18	67.31	55.16	0.71
Kane	Kane	7184.631	P10	151.00	30.79	33.93	33.45	34.37	0.005109	2.93	51.45	29.09	0.70
Kane	Kane	7104.565	P1	342.00	30.56	34.64	34.22	35.37	0.006041	3.81	95.74	74.45	0.80
Kane	Kane	7104.565	P2	281.00	30.56	34.37	33.87	35.01	0.005293	3.54	81.40	53.92	0.75
Kane	Kane	7104.565	P5	205.00	30.56	33.98	33.39	34.47	0.004533	3.10	66.22	37.95	0.68
Kane	Kane	7104.565	P10	151.00	30.56	33.59	32.99	33.98	0.004163	2.77	54.49	29.46	0.64
Kane	Kane	7024.909	P1	342.00	30.36	34.32	33.99	34.91	0.004172	3.50	120.87	92.38	0.68
Kane	Kane	7024.909	P2	281.00	30.36	34.04	33.53	34.59	0.004363	3.33	96.03	86.13	0.69
Kane	Kane	7024.909	P5	205.00	30.36	33.64	33.04	34.10	0.004470	2.98	69.11	70.21	0.67
Kane	Kane	7024.909	P10	151.00	30.36	33.30	32.66	33.65	0.003838	2.63	57.38	35.72	0.62
Kane	Kane	6945.438	P1	342.00	29.97	34.13	33.51	34.58	0.002962	3.23	157.53	110.20	0.59
Kane	Kane	6945.438	P2	281.00	29.97	33.79	33.38	34.25	0.003403	3.20	122.40	98.73	0.62
Kane	Kane	6945.438	P5	205.00	29.97	33.27	32.72	33.75	0.004225	3.12	78.39	88.33	0.66
Kane	Kane	6945.438	P10	151.00	29.97	32.92	32.35	33.32	0.004068	2.82	56.38	47.57	0.64
Kane	Kane	6865.306	P1	342.00	29.65	34.12	33.27	34.32	0.001411	2.36	245.23	186.89	0.41
Kane	Kane	6865.306	P2	281.00	29.65	33.75	33.06	33.97	0.001723	2.41	188.71	178.27	0.44
Kane	Kane	6865.306	P5	205.00	29.65	33.09	32.63	33.40	0.002936	2.67	108.07	108.00	0.56
Kane	Kane	6865.306	P10	151.00	29.65	32.62	32.04	33.00	0.003837	2.75	63.08	67.53	0.62
Kane	Kane	6785.254	P1	342.00	29.41	33.96	32.97	34.20	0.001440	2.52	225.29	314.84	0.42
Kane	Kane	6785.254	P2	281.00	29.41	33.57	32.76	33.83	0.001650	2.51	177.73	115.36	0.44
Kane	Kane	6785.254	P5	205.00	29.41	32.88	32.26	33.18	0.002476	2.62	109.13	88.83	0.52
Kane	Kane	6785.254	P10	151.00	29.41	32.28	31.73	32.68	0.004028	2.80	60.27	66.05	0.64
Kane	Kane	6748.384	P1	342.00	29.60	33.90	32.67	34.14	0.001452	2.27	182.02	211.51	0.41
Kane	Kane	6748.384	P2	281.00	29.60	33.53	32.35	33.76	0.001622	2.19	148.60	184.34	0.43
Kane	Kane	6748.384	P5	205.00	29.60	32.81	31.91	33.07	0.002687	2.29	92.75	66.36	0.52
Kane	Kane	6748.384	P10	151.00	29.60	32.20	31.53	32.50	0.003707	2.40	63.04	38.13	0.59
Kane	Kane	6726.07	P1	342.00	29.29	33.90	32.05	34.10	0.001105	1.99	175.66	122.10	0.36

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Kane	Kane	6726.07	P2	281.00	29.29	33.53	31.78	33.71	0.001131	1.86	152.01	88.91	0.36
Kane	Kane	6726.07	P5	205.00	29.29	32.82	31.41	32.99	0.001377	1.81	113.48	49.61	0.38
Kane	Kane	6726.07	P10	151.00	29.29	32.24	31.11	32.39	0.001479	1.73	87.09	42.76	0.39
Kane	Kane	6711.952	P1	342.00	29.13	33.87	31.59	34.08	0.000921	2.06	166.62	117.77	0.32
Kane	Kane	6711.952	P2	281.00	29.13	33.52	31.33	33.69	0.000827	1.85	152.16	50.34	0.30
Kane	Kane	6711.952	P5	205.00	29.13	32.83	30.99	32.96	0.000813	1.64	124.85	39.17	0.29
Kane	Kane	6711.952	P10	151.00	29.13	32.25	30.69	32.36	0.000824	1.48	102.31	38.69	0.29
Kane	Kane	6698.235	P1	342.00	28.90	33.90	31.14	34.04	0.000560	1.67	205.58	161.41	0.26
Kane	Kane	6698.235	P2	281.00	28.90	33.54	30.90	33.66	0.000497	1.50	188.24	75.44	0.24
Kane	Kane	6698.235	P5	205.00	28.90	32.85	30.56	32.94	0.000497	1.33	154.40	52.29	0.23
Kane	Kane	6698.235	P10	151.00	28.90	32.26	30.29	32.33	0.000465	1.18	127.48	44.33	0.22
Kane	Kane	6675.778		Bridge									
Kane	Kane	6652.289	P1	342.00	28.54	33.82	31.17	34.01	0.000700	1.89	181.16	40.63	0.29
Kane	Kane	6652.289	P2	281.00	28.54	33.48	30.92	33.63	0.000601	1.68	167.38	40.24	0.26
Kane	Kane	6652.289	P5	205.00	28.54	32.80	30.57	32.91	0.000554	1.46	140.02	39.60	0.25
Kane	Kane	6652.289	P10	151.00	28.54	32.22	30.28	32.31	0.000519	1.29	117.44	39.05	0.24
Kane	Kane	6636.903	P1	342.00	28.39	33.34	32.17	33.91	0.003821	3.33	102.57	36.56	0.64
Kane	Kane	6636.903	P2	281.00	28.39	33.09	31.81	33.55	0.003238	3.00	93.52	34.31	0.58
Kane	Kane	6636.903	P5	205.00	28.39	32.46	31.31	32.84	0.002567	2.74	74.95	26.48	0.52
Kane	Kane	6636.903	P10	151.00	28.39	31.95	30.91	32.25	0.002433	2.44	61.78	25.09	0.50
Kane	Kane	6619.807	P1	342.00	28.25	32.68	32.68	33.73	0.007294	4.58	83.31	52.59	0.88
Kane	Kane	6619.807	P2	281.00	28.25	32.15	32.15	33.32	0.009843	4.78	58.82	46.07	1.00
Kane	Kane	6619.807	P5	205.00	28.25	31.64	31.64	32.64	0.010293	4.42	46.33	23.22	1.00
Kane	Kane	6619.807	P10	151.00	28.25	31.48	31.21	32.12	0.007055	3.54	42.69	22.58	0.82
Kane	Kane	6602.487	P1	342.00	28.12	31.83	32.26	33.44	0.014740	5.88	69.26	63.68	1.23
Kane	Kane	6602.487	P2	281.00	28.12	31.58	31.98	33.05	0.014710	5.55	59.34	59.77	1.21
Kane	Kane	6602.487	P5	205.00	28.12	31.32	31.57	32.42	0.012189	4.73	49.31	52.14	1.09
Kane	Kane	6602.487	P10	151.00	28.12	31.46	31.21	31.96	0.005200	3.20	54.62	55.26	0.72
Kane	Kane	6569.372	P1	342.00	27.92	32.26	31.95	32.72	0.005049	3.46	134.35	94.77	0.73
Kane	Kane	6569.372	P2	281.00	27.92	32.03	31.75	32.45	0.004849	3.28	117.64	92.12	0.71
Kane	Kane	6569.372	P5	205.00	27.92	31.69	31.46	32.06	0.004510	3.01	94.27	83.71	0.67
Kane	Kane	6569.372	P10	151.00	27.92	31.40	31.18	31.74	0.004167	2.76	74.82	73.59	0.64
Kane	Kane	6547.557	P1	342.00	27.87	32.34	31.83	32.55	0.001885	2.64	246.16	182.05	0.47
Kane	Kane	6547.557	P2	281.00	27.87	32.08	31.68	32.30	0.002016	2.58	206.43	176.96	0.48
Kane	Kane	6547.557	P5	205.00	27.87	31.70	31.29	31.94	0.002356	2.54	148.38	161.69	0.51
Kane	Kane	6547.557	P10	151.00	27.87	31.37	30.96	31.64	0.002801	2.53	98.19	146.53	0.54
Kane	Kane	6503.938	P1	342.00	27.80	32.28	31.46	32.48	0.001554	2.27	227.99	145.10	0.42
Kane	Kane	6503.938	P2	281.00	27.80	32.04	31.22	32.21	0.001541	2.13	198.14	142.65	0.42
Kane	Kane	6503.938	P5	205.00	27.80	31.67	30.93	31.83	0.001545	1.93	155.90	126.38	0.41
Kane	Kane	6503.938	P10	151.00	27.80	31.36	30.68	31.50	0.001599	1.78	120.24	111.29	0.40
Kane	Kane	6427.778	P1	342.00	27.64	31.96	31.38	32.29	0.002987	2.82	170.82	120.82	0.57
Kane	Kane	6427.778	P2	281.00	27.64	31.73	31.16	32.03	0.002956	2.63	144.64	110.14	0.56
Kane	Kane	6427.778	P5	205.00	27.64	31.41	30.82	31.66	0.002852	2.33	111.78	94.93	0.54
Kane	Kane	6427.778	P10	151.00	27.64	31.14	30.52	31.33	0.002647	2.06	88.93	73.38	0.50
Kane	Kane	6349.377	P1	342.00	27.42	31.62	31.25	32.01	0.003672	3.19	162.06	168.48	0.63
Kane	Kane	6349.377	P2	281.00	27.42	31.40	31.06	31.76	0.003596	2.98	137.98	136.84	0.62
Kane	Kane	6349.377	P5	205.00	27.42	31.04	30.77	31.37	0.003908	2.78	102.61	109.32	0.62
Kane	Kane	6349.377	P10	151.00	27.42	30.75	30.44	31.05	0.004104	2.57	76.93	85.95	0.62
Kane	Kane	6267.352	P1	342.00	27.09	31.39	30.93	31.71	0.003014	3.16	183.65	150.84	0.58
Kane	Kane	6267.352	P2	281.00	27.09	31.17	30.72	31.47	0.002918	2.95	158.81	149.21	0.56
Kane	Kane	6267.352	P5	205.00	27.09	30.77	30.46	31.06	0.003249	2.82	115.18	144.54	0.58
Kane	Kane	6267.352	P10	151.00	27.09	30.47	30.23	30.74	0.003201	2.61	90.54	138.68	0.57
Kane	Kane	6188.811	P1	342.00	26.48	31.27	30.66	31.48	0.001929	2.70	300.70	367.74	0.47
Kane	Kane	6188.811	P2	281.00	26.48	31.02	30.52	31.24	0.002054	2.65	236.06	318.41	0.48
Kane	Kane	6188.811	P5	205.00	26.48	30.56	30.24	30.82	0.002589	2.67	144.39	147.64	0.53
Kane	Kane	6188.811	P10	151.00	26.48	30.24	29.97	30.50	0.002839	2.56	100.48	122.91	0.54
Kane	Kane	6108.18	P1	342.00	26.88	31.12	30.36	31.32	0.002112	2.61	276.14	343.11	0.49
Kane	Kane	6108.18	P2	281.00	26.88	30.77	30.22	31.05	0.002959	2.84	198.16	256.91	0.57
Kane	Kane	6108.18	P5	205.00	26.88	30.34	29.99	30.60	0.003341	2.66	128.98	128.27	0.59
Kane	Kane	6108.18	P10	151.00	26.88	29.95	29.75	30.24	0.004184	2.67	88.30	94.79	0.64
Kane	Kane	6016.047	P1	342.00	25.90	31.07	29.81	31.18	0.000848	1.65	330.03	355.92	0.31
Kane	Kane	6016.047	P2	281.00	25.90	30.72	29.59	30.85	0.001070	1.70	241.30	260.48	0.34
Kane	Kane	6016.047	P5	205.00	25.90	30.25	29.31	30.38	0.001339	1.65	152.80	150.92	0.37
Kane	Kane	6016.047	P10	151.00	25.90	29.83	28.99	29.95	0.001722	1.60	102.29	100.52	0.41
Kane	Kane	5952.457	P1	342.00	25.69	31.04	29.69	31.13	0.000638	1.68	406.03	295.63	0.28
Kane	Kane	5952.457	P2	281.00	25.69	30.68	29.36	30.78	0.000759	1.71	317.94	233.51	0.30
Kane	Kane	5952.457	P5	205.00	25.69	30.20	29.01	30.30	0.000885	1.66	215.58	192.67	0.32
Kane	Kane	5952.457	P10	151.00	25.69	29.75	28.70	29.86	0.001083	1.64	140.44	153.84	0.34
Kane	Kane	5893.976	P1	342.00	25.55	30.89	30.07	31.07	0.001167	2.31	284.63	377.53	0.37



HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Kane	Kane	5893.976	P2	281.00	25.55	30.52	29.71	30.71	0.001348	2.33	219.37	209.68	0.40
Kane	Kane	5893.976	P5	205.00	25.55	29.92	28.97	30.19	0.002028	2.52	134.10	147.90	0.47
Kane	Kane	5893.976	P10	151.00	25.55	29.35	28.57	29.71	0.003086	2.69	67.84	103.28	0.56
Kane	Kane	5831.49	P1	342.00	25.02	30.89	29.24	30.99	0.000593	1.75	336.31	288.81	0.28
Kane	Kane	5831.49	P2	281.00	25.02	30.52	28.69	30.62	0.000628	1.69	279.06	161.81	0.28
Kane	Kane	5831.49	P5	205.00	25.02	29.95	28.42	30.06	0.000717	1.62	199.80	132.45	0.29
Kane	Kane	5831.49	P10	151.00	25.02	29.41	28.12	29.52	0.000887	1.59	139.13	102.32	0.31
Kane	Kane	5751.726	P1	342.00	24.59	30.88	28.63	30.94	0.000290	1.11	428.32	517.95	0.19
Kane	Kane	5751.726	P2	281.00	24.59	30.51	28.43	30.57	0.000319	1.08	344.01	435.60	0.20
Kane	Kane	5751.726	P5	205.00	24.59	29.94	28.15	30.00	0.000378	1.03	230.04	150.57	0.21
Kane	Kane	5751.726	P10	151.00	24.59	29.39	27.85	29.45	0.000498	1.01	158.79	116.09	0.23
Kane	Kane	5680.16	P1	342.00	24.45	30.87	28.62	30.92	0.000241	1.19	499.38	551.03	0.18
Kane	Kane	5680.16	P2	281.00	24.45	30.50	28.38	30.54	0.000248	1.13	429.59	475.56	0.18
Kane	Kane	5680.16	P5	205.00	24.45	29.93	27.92	29.97	0.000279	1.09	321.69	388.93	0.18
Kane	Kane	5680.16	P10	151.00	24.45	29.36	27.58	29.41	0.000368	1.12	215.78	220.08	0.21
Kane	Kane	5633.933	P1	342.00	24.38	30.86	29.24	30.90	0.000267	1.24	564.32	585.78	0.18
Kane	Kane	5633.933	P2	281.00	24.38	30.49	29.06	30.53	0.000290	1.22	478.62	542.55	0.19
Kane	Kane	5633.933	P5	205.00	24.38	29.91	28.57	29.95	0.000376	1.26	345.33	470.00	0.21
Kane	Kane	5633.933	P10	151.00	24.38	29.31	27.88	29.39	0.000653	1.47	208.20	355.07	0.27
Kane	Kane	5604.372	P1	342.00	24.59	30.71	29.20	30.86	0.000820	2.05	252.49	338.87	0.32
Kane	Kane	5604.372	P2	281.00	24.59	30.35	28.96	30.49	0.000816	1.92	219.43	338.72	0.31
Kane	Kane	5604.372	P5	205.00	24.59	29.79	28.13	29.92	0.000875	1.79	167.45	338.33	0.32
Kane	Kane	5604.372	P10	151.00	24.59	29.20	27.68	29.35	0.001095	1.80	117.86	149.04	0.34
Kane	Kane	5596.3	P1	342.00	24.55	30.72	29.25	30.77	0.000371	1.34	567.26	313.50	0.21
Kane	Kane	5596.3	P2	281.00	24.55	30.34	29.01	30.40	0.000475	1.42	448.43	313.41	0.23
Kane	Kane	5596.3	P5	205.00	24.55	29.71	28.21	29.82	0.000937	1.82	252.22	305.10	0.32
Kane	Kane	5596.3	P10	151.00	24.55	29.03	27.71	29.21	0.001495	2.06	115.64	113.96	0.40
Kane	Kane	5555.134		Bridge									
Kane	Kane	5518.05	P1	342.00	24.23	29.71	29.18	30.50	0.004512	3.99	94.19	49.46	0.71
Kane	Kane	5518.05	P2	281.00	24.23	29.59	28.63	30.18	0.003442	3.44	88.73	49.10	0.61
Kane	Kane	5518.05	P5	205.00	24.23	29.22	28.03	29.64	0.002809	2.89	73.77	39.78	0.55
Kane	Kane	5518.05	P10	151.00	24.23	28.69	27.52	29.03	0.002678	2.61	57.79	22.65	0.52
Kane	Kane	5502.042	P1	342.00	24.26	29.49	29.49	30.39	0.005968	4.48	102.41	144.95	0.80
Kane	Kane	5502.042	P2	281.00	24.26	29.17	29.17	30.05	0.006307	4.29	82.52	129.13	0.81
Kane	Kane	5502.042	P5	205.00	24.26	28.58	28.32	29.48	0.007491	4.21	51.41	49.86	0.86
Kane	Kane	5502.042	P10	151.00	24.26	28.25	27.80	28.91	0.006112	3.59	42.08	18.76	0.76
Kane	Kane	5456.331	P1	342.00	24.01	29.38	29.00	29.80	0.003584	3.11	157.24	247.93	0.62
Kane	Kane	5456.331	P2	281.00	24.01	28.99	28.72	29.49	0.004810	3.24	111.31	103.12	0.70
Kane	Kane	5456.331	P5	205.00	24.01	28.44	28.19	29.01	0.007318	3.37	66.19	61.25	0.82
Kane	Kane	5456.331	P10	151.00	24.01	28.05	27.66	28.56	0.006731	3.18	47.52	38.56	0.78
Kane	Kane	5417.979	P1	342.00	23.59	29.42	28.48	29.64	0.001480	2.30	237.60	298.61	0.41
Kane	Kane	5417.979	P2	281.00	23.59	29.05	28.20	29.28	0.001774	2.32	181.83	213.68	0.44
Kane	Kane	5417.979	P5	205.00	23.59	28.47	27.77	28.74	0.002557	2.38	109.60	103.04	0.51
Kane	Kane	5417.979	P10	151.00	23.59	28.02	27.32	28.29	0.003304	2.33	71.55	62.23	0.56
Kane	Kane	5351.487	P1	342.00	23.38	29.42	27.83	29.53	0.000691	1.70	316.25	295.14	0.29
Kane	Kane	5351.487	P2	281.00	23.38	29.05	27.63	29.15	0.000748	1.64	252.56	205.40	0.30
Kane	Kane	5351.487	P5	205.00	23.38	28.47	27.34	28.57	0.000919	1.58	181.97	141.07	0.32
Kane	Kane	5351.487	P10	151.00	23.38	28.00	27.01	28.10	0.001162	1.55	131.45	103.82	0.34
Kane	Kane	5302.553	P1	342.00	23.59	29.37	27.74	29.49	0.000729	1.73	279.30	207.98	0.30
Kane	Kane	5302.553	P2	281.00	23.59	28.99	27.52	29.11	0.000785	1.66	229.77	172.52	0.30
Kane	Kane	5302.553	P5	205.00	23.59	28.41	27.21	28.52	0.000964	1.60	162.10	125.22	0.32
Kane	Kane	5302.553	P10	151.00	23.59	27.93	26.96	28.04	0.001195	1.54	114.67	86.47	0.35
Kane	Kane	5269.657	P1	342.00	23.41	29.37	27.63	29.45	0.000505	1.28	313.77	261.05	0.24
Kane	Kane	5269.657	P2	281.00	23.41	29.00	27.46	29.07	0.000580	1.24	249.11	194.96	0.25
Kane	Kane	5269.657	P5	205.00	23.41	28.40	27.17	28.48	0.000808	1.22	176.20	132.42	0.28
Kane	Kane	5269.657	P10	151.00	23.41	27.91	26.92	27.99	0.001183	1.24	123.45	94.40	0.33
Kane	Kane	5235.381	P1	342.00	22.96	29.29	27.72	29.42	0.000787	1.71	271.87	367.27	0.30
Kane	Kane	5235.381	P2	281.00	22.96	28.90	27.51	29.04	0.000920	1.70	209.62	289.71	0.32
Kane	Kane	5235.381	P5	205.00	22.96	28.31	27.19	28.44	0.001118	1.61	149.81	109.46	0.34
Kane	Kane	5235.381	P10	151.00	22.96	27.80	26.91	27.93	0.001561	1.60	102.89	84.13	0.39
Kane	Kane	5207.659	P1	342.00	22.89	29.03	28.20	29.35	0.001826	3.02	211.63	312.63	0.46
Kane	Kane	5207.659	P2	281.00	22.89	28.66	27.96	28.97	0.001870	2.88	169.06	113.94	0.46
Kane	Kane	5207.659	P5	205.00	22.89	27.97	27.50	28.34	0.002602	2.99	108.02	87.69	0.52
Kane	Kane	5207.659	P10	151.00	22.89	27.16	26.62	27.76	0.005112	3.48	50.50	51.63	0.70
Kane	Kane	5190.752	P1	342.00	23.37	28.16	28.16	29.16	0.005981	4.68	99.77	77.45	0.81
Kane	Kane	5190.752	P2	281.00	23.37	27.87	27.87	28.79	0.005949	4.39	81.06	65.82	0.80
Kane	Kane	5190.752	P5	205.00	23.37	27.37	27.03	28.19	0.006283	4.02	54.00	46.95	0.80
Kane	Kane	5190.752	P10	151.00	23.37	27.10	26.48	27.66	0.004873	3.34	45.97	33.26	0.69
Kane	Kane	5171.67	P1	342.00	23.38	28.41	26.35	28.71	0.001370	2.43	143.15	169.69	0.40

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Kane	Kane	5171.67	P2	281.00	23.38	28.13	26.04	28.36	0.001150	2.16	130.65	41.65	0.36
Kane	Kane	5171.67	P5	205.00	23.38	27.73	25.60	27.89	0.000844	1.77	116.05	34.76	0.31
Kane	Kane	5171.67	P10	151.00	23.38	27.34	25.25	27.45	0.000649	1.47	102.82	33.47	0.27
Kane	Kane	5149.359		Bridge									
Kane	Kane	5129.565	P1	342.00	23.27	28.36	26.59	28.65	0.001324	2.39	156.10	173.63	0.40
Kane	Kane	5129.565	P2	281.00	23.27	28.08	26.27	28.31	0.001207	2.15	138.69	131.87	0.38
Kane	Kane	5129.565	P5	205.00	23.27	27.69	25.81	27.85	0.000995	1.80	117.16	98.30	0.34
Kane	Kane	5129.565	P10	151.00	23.27	27.30	25.43	27.42	0.000867	1.53	98.72	57.48	0.31
Kane	Kane	5094.548	P1	342.00	23.47	28.21	26.91	28.57	0.002041	2.72	149.67	107.87	0.49
Kane	Kane	5094.548	P2	281.00	23.47	27.92	26.55	28.24	0.001997	2.52	122.39	82.53	0.47
Kane	Kane	5094.548	P5	205.00	23.47	27.56	26.04	27.79	0.001696	2.13	98.31	53.96	0.43
Kane	Kane	5094.548	P10	151.00	23.47	27.20	25.60	27.37	0.001376	1.82	82.75	35.26	0.38
Kane	Kane	5068.939	P1	342.00	23.46	28.16	26.94	28.52	0.002105	2.72	147.64	108.49	0.49
Kane	Kane	5068.939	P2	281.00	23.46	27.87	26.58	28.19	0.002058	2.52	122.72	79.58	0.48
Kane	Kane	5068.939	P5	205.00	23.46	27.52	26.05	27.75	0.001774	2.14	98.94	58.53	0.44
Kane	Kane	5068.939	P10	151.00	23.46	27.16	25.65	27.33	0.001500	1.85	81.89	39.71	0.39
Kane	Kane	5051.289	P1	342.00	23.53	28.03	26.91	28.47	0.002372	2.99	133.26	80.32	0.53
Kane	Kane	5051.289	P2	281.00	23.53	27.77	26.56	28.14	0.002176	2.72	115.51	66.65	0.50
Kane	Kane	5051.289	P5	205.00	23.53	27.46	26.09	27.71	0.001744	2.26	96.60	60.80	0.44
Kane	Kane	5051.289	P10	151.00	23.53	27.12	25.69	27.31	0.001443	1.91	80.88	39.87	0.39
Kane	Seer	4979.782	P1	400.00	23.76	28.11	27.58	28.41	0.002432	2.65	216.38	235.20	0.52
Kane	Seer	4979.782	P2	328.00	23.76	27.80	27.24	28.12	0.002890	2.66	165.94	167.33	0.56
Kane	Seer	4979.782	P5	240.00	23.76	27.37	26.84	27.70	0.003556	2.57	105.74	118.14	0.60
Kane	Seer	4979.782	P10	176.00	23.76	26.99	26.44	27.28	0.004232	2.41	73.82	65.73	0.63
Kane	Seer	4915.371	P1	400.00	22.25	27.80	27.18	28.21	0.003392	2.94	165.42	198.81	0.60
Kane	Seer	4915.371	P2	328.00	22.25	27.56	26.90	27.92	0.003228	2.73	140.92	122.26	0.58
Kane	Seer	4915.371	P5	240.00	22.25	27.16	26.26	27.47	0.003303	2.52	103.04	81.37	0.57
Kane	Seer	4915.371	P10	176.00	22.25	26.74	25.80	27.03	0.003629	2.36	74.57	46.30	0.58
Kane	Seer	4843.251	P1	400.00	20.99	27.65	26.78	27.99	0.002229	2.78	208.21	226.50	0.50
Kane	Seer	4843.251	P2	328.00	20.99	27.39	26.27	27.72	0.002223	2.63	169.20	163.96	0.49
Kane	Seer	4843.251	P5	240.00	20.99	26.99	25.17	27.27	0.002140	2.34	119.91	106.97	0.47
Kane	Seer	4843.251	P10	176.00	20.99	26.58	24.56	26.81	0.002110	2.11	85.96	76.36	0.45
Kane	Seer	4708.253	P1	400.00	20.81	27.03	26.83	27.57	0.003763	3.40	166.96	563.88	0.64
Kane	Seer	4708.253	P2	328.00	20.81	26.83	25.75	27.31	0.003566	3.15	132.84	519.02	0.61
Kane	Seer	4708.253	P5	240.00	20.81	26.56	25.02	26.92	0.002805	2.66	95.07	87.07	0.54
Kane	Seer	4708.253	P10	176.00	20.81	26.26	24.45	26.51	0.002186	2.22	79.30	34.41	0.47
Kane	Seer	4558.716	P1	400.00	20.63	26.57	26.27	26.93	0.003839	2.95	195.55	179.88	0.63
Kane	Seer	4558.716	P2	328.00	20.63	26.32	26.10	26.68	0.004279	2.88	157.82	147.06	0.65
Kane	Seer	4558.716	P5	240.00	20.63	25.90	25.63	26.32	0.005848	2.96	101.76	127.22	0.73
Kane	Seer	4558.716	P10	176.00	20.63	25.52	24.52	25.96	0.006330	2.93	62.40	108.24	0.75
Kane	Seer	4397.114	P1	400.00	20.55	26.32	25.53	26.52	0.001328	2.38	306.32	528.61	0.40
Kane	Seer	4397.114	P2	328.00	20.55	26.06	25.12	26.25	0.001365	2.30	256.39	190.51	0.40
Kane	Seer	4397.114	P5	240.00	20.55	25.58	24.64	25.79	0.001581	2.24	174.09	163.39	0.42
Kane	Seer	4397.114	P10	176.00	20.55	25.16	23.76	25.38	0.001778	2.14	110.71	137.19	0.43
Kane	Seer	4254.016	P1	400.00	20.43	25.56	25.51	26.15	0.003733	4.12	203.37	167.01	0.66
Kane	Seer	4254.016	P2	328.00	20.43	25.28	25.09	25.87	0.003814	3.96	159.61	136.12	0.66
Kane	Seer	4254.016	P5	240.00	20.43	24.90	24.61	25.41	0.003481	3.53	116.29	100.12	0.62
Kane	Seer	4254.016	P10	176.00	20.43	24.66	24.14	25.03	0.002670	2.94	94.34	82.34	0.53
Kane	Seer	4119.749	P1	400.00	20.62	25.20	24.63	25.59	0.003429	2.83	173.76	145.39	0.60
Kane	Seer	4119.749	P2	328.00	20.62	24.80	24.40	25.24	0.004727	2.96	121.69	120.12	0.69
Kane	Seer	4119.749	P5	240.00	20.62	24.32	24.09	24.75	0.006627	2.93	83.38	67.09	0.78
Kane	Seer	4119.749	P10	176.00	20.62	23.82	23.65	24.35	0.011460	3.22	54.60	49.16	0.98
Kane	Seer	3974.609	P1	400.00	19.42	24.47	23.54	25.06	0.003192	3.47	141.69	196.23	0.61
Kane	Seer	3974.609	P2	328.00	19.42	24.23	23.10	24.71	0.002823	3.10	116.17	167.41	0.57
Kane	Seer	3974.609	P5	240.00	19.42	23.81	22.55	24.17	0.002461	2.68	93.05	88.47	0.52
Kane	Seer	3974.609	P10	176.00	19.42	23.36	22.07	23.64	0.002170	2.35	74.91	30.48	0.48
Kane	Seer	3819.268	P1	400.00	18.88	24.26	23.04	24.57	0.001947	2.62	220.22	668.35	0.47
Kane	Seer	3819.268	P2	328.00	18.88	23.97	22.71	24.27	0.001987	2.51	170.47	166.09	0.47
Kane	Seer	3819.268	P5	240.00	18.88	23.53	22.22	23.80	0.001929	2.29	104.74	137.04	0.46
Kane	Seer	3819.268	P10	176.00	18.88	23.11	21.70	23.31	0.001714	2.00	88.03	63.39	0.42
Kane	Seer	3662.297	P1	400.00	18.38	24.11	22.89	24.27	0.001252	1.92	288.78	468.24	0.37
Kane	Seer	3662.297	P2	328.00	18.38	23.78	22.56	23.95	0.001489	1.92	219.89	447.80	0.40
Kane	Seer	3662.297	P5	240.00	18.38	23.26	21.66	23.45	0.002098	1.93	127.04	282.50	0.45
Kane	Seer	3662.297	P10	176.00	18.38	22.82	21.18	22.99	0.002255	1.84	95.44	60.35	0.46
Kane	Seer	3539.54	P1	400.00	17.41	23.82	22.74	24.09	0.001421	2.65	285.89	221.34	0.42
Kane	Seer	3539.54	P2	328.00	17.41	23.42	22.40	23.73	0.001687	2.70	204.57	191.52	0.45
Kane	Seer	3539.54	P5	240.00	17.41	22.96	21.59	23.22	0.001549	2.37	143.48	102.85	0.42
Kane	Seer	3539.54	P10	176.00	17.41	22.54	21.02	22.76	0.001505	2.13	104.53	83.10	0.40
Kane	Seer	3353.191	P1	400.00	17.18	23.42	22.45	23.78	0.001827	3.00	235.20	157.97	0.47

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
Kane	Seer	3353.191	P2	328.00	17.18	23.04	22.13	23.39	0.001939	2.90	182.29	122.17	0.47
Kane	Seer	3353.191	P5	240.00	17.18	22.65	21.50	22.92	0.001629	2.48	141.42	89.31	0.43
Kane	Seer	3353.191	P10	176.00	17.18	22.26	20.70	22.48	0.001482	2.18	109.20	77.97	0.40
Kane	Seer	3216.294	P1	400.00	17.09	23.27	22.50	23.50	0.001425	2.62	319.71	326.53	0.41
Kane	Seer	3216.294	P2	328.00	17.09	22.77	22.16	23.11	0.002073	2.90	195.86	229.00	0.49
Kane	Seer	3216.294	P5	240.00	17.09	22.31	21.04	22.65	0.002196	2.73	126.83	134.10	0.49
Kane	Seer	3216.294	P10	176.00	17.09	21.94	20.48	22.23	0.001922	2.46	90.49	91.14	0.45
Kane	Seer	3162.215	P1	400.00	16.93	23.27	22.39	23.39	0.000831	1.94	455.21	344.83	0.32
Kane	Seer	3162.215	P2	328.00	16.93	22.79	21.97	22.95	0.001167	2.11	311.78	289.14	0.37
Kane	Seer	3162.215	P5	240.00	16.93	22.26	20.92	22.50	0.001808	2.34	170.14	252.53	0.44
Kane	Seer	3162.215	P10	176.00	16.93	21.87	20.39	22.11	0.002005	2.23	97.76	105.83	0.46
Kane	Seer	3097.391	P1	400.00	16.88	22.99	22.19	23.28	0.001693	2.75	292.39	320.01	0.45
Kane	Seer	3097.391	P2	328.00	16.88	22.64	21.86	22.85	0.001446	2.39	235.36	204.49	0.41
Kane	Seer	3097.391	P5	240.00	16.88	22.14	20.80	22.38	0.001761	2.38	160.37	157.64	0.44
Kane	Seer	3097.391	P10	176.00	16.88	21.74	20.24	21.98	0.001874	2.23	105.32	122.12	0.44
Kane	Seer	3053.179	P1	400.00	16.69	23.00	21.58	23.12	0.000738	1.92	388.74	730.05	0.30
Kane	Seer	3053.179	P2	328.00	16.69	22.64	21.58	22.77	0.000817	1.90	320.67	636.03	0.31
Kane	Seer	3053.179	P5	240.00	16.69	22.14	20.66	22.28	0.000996	1.91	224.97	295.21	0.34
Kane	Seer	3053.179	P10	176.00	16.69	21.72	20.04	21.88	0.001192	1.90	144.66	215.32	0.36
Kane	Seer	3019.22	P1	400.00	16.87	23.00	21.51	23.09	0.000582	1.51	371.92	647.23	0.26
Kane	Seer	3019.22	P2	328.00	16.87	22.64	21.27	22.73	0.000613	1.44	318.11	639.18	0.27
Kane	Seer	3019.22	P5	240.00	16.87	22.15	20.84	22.23	0.000693	1.36	242.96	369.56	0.27
Kane	Seer	3019.22	P10	176.00	16.87	21.74	20.38	21.82	0.000796	1.29	180.08	254.92	0.29
Kane	Seer	2995.895	P1	400.00	16.88	22.88	21.72	23.05	0.001021	2.38	323.74	596.16	0.35
Kane	Seer	2995.895	P2	328.00	16.88	22.55	21.51	22.70	0.000931	2.17	278.71	591.40	0.33
Kane	Seer	2995.895	P5	240.00	16.88	22.06	21.15	22.20	0.000982	2.05	213.58	359.46	0.34
Kane	Seer	2995.895	P10	176.00	16.88	21.64	20.27	21.78	0.001024	1.94	159.08	318.94	0.34
Kane	Seer	2955.167	P1	400.00	16.90	22.73	20.94	22.99	0.001093	2.35	200.88	362.32	0.37
Kane	Seer	2955.167	P2	328.00	16.90	22.44	20.57	22.65	0.000969	2.11	181.31	360.10	0.35
Kane	Seer	2955.167	P5	240.00	16.90	22.01	20.02	22.16	0.000795	1.76	155.22	346.69	0.31
Kane	Seer	2955.167	P10	176.00	16.90	21.63	19.59	21.73	0.000668	1.49	132.97	334.54	0.28
Kane	Seer	2926.51		Bridge									
Kane	Seer	2901.623	P1	400.00	16.56	22.70	20.13	22.86	0.000635	1.87	250.15	173.01	0.29
Kane	Seer	2901.623	P2	328.00	16.56	22.41	19.83	22.55	0.000552	1.67	226.61	83.70	0.26
Kane	Seer	2901.623	P5	240.00	16.56	22.00	19.36	22.09	0.000441	1.39	192.48	80.99	0.23
Kane	Seer	2901.623	P10	176.00	16.56	21.61	18.99	21.68	0.000349	1.16	162.13	78.21	0.20
Kane	Seer	2890.722	P1	400.00	16.67	22.59	20.73	22.84	0.001193	2.24	201.53	216.50	0.37
Kane	Seer	2890.722	P2	328.00	16.67	22.32	20.43	22.52	0.001059	2.02	180.38	149.33	0.35
Kane	Seer	2890.722	P5	240.00	16.67	21.93	19.97	22.07	0.000883	1.70	149.26	82.94	0.31
Kane	Seer	2890.722	P10	176.00	16.67	21.56	19.55	21.67	0.000722	1.44	122.63	68.55	0.28
Kane	Seer	2868.338	P1	400.00	16.78	22.36	21.21	22.77	0.001961	3.00	177.86	441.40	0.49
Kane	Seer	2868.338	P2	328.00	16.78	22.12	20.89	22.47	0.001742	2.71	155.45	376.24	0.46
Kane	Seer	2868.338	P5	240.00	16.78	21.77	20.35	22.03	0.001429	2.29	122.58	131.83	0.41
Kane	Seer	2868.338	P10	176.00	16.78	21.46	19.94	21.64	0.001103	1.88	103.53	52.71	0.35
Kane	Seer	2845.2	P1	400.00	16.49	22.26	21.30	22.71	0.002339	3.13	176.88	617.86	0.53
Kane	Seer	2845.2	P2	328.00	16.49	22.01	20.82	22.41	0.002187	2.89	149.26	489.45	0.50
Kane	Seer	2845.2	P5	240.00	16.49	21.69	20.26	21.98	0.001785	2.44	115.27	84.07	0.45
Kane	Seer	2845.2	P10	176.00	16.49	21.39	19.77	21.60	0.001421	2.03	91.95	57.39	0.39
Kane	Seer	2784.261	P1	400.00	16.76	22.17	21.64	22.53	0.002415	2.91	198.44	585.53	0.52
Kane	Seer	2784.261	P2	328.00	16.76	21.90	20.80	22.25	0.002428	2.75	165.22	537.21	0.52
Kane	Seer	2784.261	P5	240.00	16.76	21.57	20.22	21.86	0.002263	2.44	123.36	501.38	0.49
Kane	Seer	2784.261	P10	176.00	16.76	21.26	19.73	21.49	0.002049	2.13	86.97	67.68	0.46
Kane	Seer	2732.049	P1	400.00	16.42	22.11	21.44	22.40	0.001602	2.72	251.56	672.75	0.44
Kane	Seer	2732.049	P2	328.00	16.42	21.84	20.53	22.12	0.001596	2.59	209.01	623.70	0.43
Kane	Seer	2732.049	P5	240.00	16.42	21.51	19.93	21.75	0.001424	2.29	157.37	150.93	0.40
Kane	Seer	2732.049	P10	176.00	16.42	21.20	19.43	21.40	0.001226	1.99	113.92	134.96	0.37
Kane	Seer	2667.89	P1	400.00	16.34	22.07	20.92	22.28	0.001217	2.29	300.12	813.75	0.39
Kane	Seer	2667.89	P2	328.00	16.34	21.80	20.55	22.00	0.001260	2.21	244.63	789.39	0.39
Kane	Seer	2667.89	P5	240.00	16.34	21.46	19.83	21.64	0.001152	1.97	180.83	178.74	0.36
Kane	Seer	2667.89	P10	176.00	16.34	21.16	19.35	21.31	0.001008	1.72	131.77	148.22	0.33
Kane	Seer	2626.525	P1	400.00	15.75	22.00	21.05	22.23	0.001255	2.51	290.03	828.84	0.39
Kane	Seer	2626.525	P2	328.00	15.75	21.72	20.73	21.95	0.001241	2.39	243.84	805.92	0.39
Kane	Seer	2626.525	P5	240.00	15.75	21.42	19.77	21.60	0.001036	2.06	193.87	154.81	0.35
Kane	Seer	2626.525	P10	176.00	15.75	21.13	19.26	21.27	0.000849	1.77	150.98	131.59	0.31
Kane	Seer	2513.94	P1	400.00	16.19	21.96	21.05	22.06	0.000861	1.93	455.22	824.86	0.32
Kane	Seer	2513.94	P2	328.00	16.19	21.66	21.00	21.78	0.001025	1.99	359.31	812.07	0.34
Kane	Seer	2513.94	P5	240.00	16.19	21.32	20.43	21.46	0.001139	1.96	251.94	798.65	0.36
Kane	Seer	2513.94	P10	176.00	16.19	21.02	19.45	21.16	0.001136	1.83	165.19	749.57	0.35
Kane	Seer	2412.566	P1	400.00	16.07	21.89	20.71	21.98	0.000696	1.68	437.63	1109.80	0.29

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chi
Kane	Seer	2412.566	P2	328.00	16.07	21.59	20.45	21.68	0.000766	1.66	361.69	890.66	0.30
Kane	Seer	2412.566	P5	240.00	16.07	21.26	20.11	21.34	0.000751	1.53	279.53	853.60	0.29
Kane	Seer	2412.566	P10	176.00	16.07	20.96	19.72	21.04	0.000752	1.42	204.22	254.10	0.28
Kane	Seer	2271.556	P1	400.00	16.00	21.81	20.64	21.88	0.000566	1.76	549.76	1181.93	0.27
Kane	Seer	2271.556	P2	328.00	16.00	21.49	20.64	21.58	0.000676	1.82	438.55	1121.96	0.29
Kane	Seer	2271.556	P5	240.00	16.00	21.12	19.70	21.23	0.000758	1.82	314.60	1053.18	0.30
Kane	Seer	2271.556	P10	176.00	16.00	20.76	19.13	20.91	0.000934	1.88	190.30	972.15	0.33
Kane	Seer	2176.884	P1	400.00	16.01	21.76	20.41	21.83	0.000596	1.66	514.67	1088.21	0.27
Kane	Seer	2176.884	P2	328.00	16.01	21.42	20.37	21.52	0.000710	1.71	411.03	1030.05	0.29
Kane	Seer	2176.884	P5	240.00	16.01	21.06	19.69	21.16	0.000778	1.66	297.91	962.39	0.30
Kane	Seer	2176.884	P10	176.00	16.01	20.69	19.22	20.81	0.000951	1.69	187.32	769.93	0.32
Kane	Seer	2100.359	P1	400.00	15.99	21.60	20.62	21.76	0.000970	2.29	373.84	348.43	0.34
Kane	Seer	2100.359	P2	328.00	15.99	21.22	20.31	21.43	0.001199	2.41	284.15	345.79	0.38
Kane	Seer	2100.359	P5	240.00	15.99	20.83	19.24	21.06	0.001284	2.33	192.81	342.64	0.38
Kane	Seer	2100.359	P10	176.00	15.99	20.56	18.72	20.73	0.001009	1.96	135.59	332.02	0.34
Kane	Seer	1966.143	P1	400.00	16.14	21.55	20.79	21.62	0.000658	1.69	518.01	815.15	0.28
Kane	Seer	1966.143	P2	328.00	16.14	21.13	20.65	21.25	0.000986	1.91	375.75	791.16	0.34
Kane	Seer	1966.143	P5	240.00	16.14	20.67	19.58	20.86	0.001560	2.17	216.95	771.07	0.42
Kane	Seer	1966.143	P10	176.00	16.14	20.32	19.03	20.54	0.001855	2.16	115.65	243.34	0.44
Kane	Seer	1854.265	P1	400.00	15.89	21.39	20.46	21.52	0.000949	2.18	356.45	740.99	0.34
Kane	Seer	1854.265	P2	328.00	15.89	20.96	20.30	21.12	0.001189	2.27	283.10	295.24	0.37
Kane	Seer	1854.265	P5	240.00	15.89	20.52	20.03	20.69	0.001350	2.23	208.21	287.04	0.39
Kane	Seer	1854.265	P10	176.00	15.89	20.15	18.95	20.34	0.001508	2.18	145.85	279.25	0.40
Kane	Seer	1741.664	P1	400.00	15.24	21.35	20.10	21.42	0.000507	1.58	534.26	731.51	0.25
Kane	Seer	1741.664	P2	328.00	15.24	20.91	19.74	20.99	0.000656	1.66	406.87	705.79	0.28
Kane	Seer	1741.664	P5	240.00	15.24	20.45	19.38	20.54	0.000811	1.69	278.98	690.88	0.30
Kane	Seer	1741.664	P10	176.00	15.24	20.07	18.79	20.18	0.000939	1.67	174.25	682.19	0.32
Kane	Seer	1658.535	P1	400.00	15.22	21.27	20.17	21.37	0.000685	1.99	463.28	942.55	0.29
Kane	Seer	1658.535	P2	328.00	15.22	20.79	19.78	20.92	0.000921	2.15	346.41	659.08	0.33
Kane	Seer	1658.535	P5	240.00	15.22	20.32	19.39	20.46	0.001034	2.11	241.41	593.34	0.35
Kane	Seer	1658.535	P10	176.00	15.22	19.93	18.86	20.08	0.001113	2.03	153.72	126.62	0.35
Kane	Seer	1507.796	P1	400.00	15.20	21.15	19.52	21.26	0.000723	1.65	359.85	983.07	0.29
Kane	Seer	1507.796	P2	328.00	15.20	20.61	19.22	20.76	0.001115	1.82	251.33	662.35	0.35
Kane	Seer	1507.796	P5	240.00	15.20	20.11	18.85	20.27	0.001471	1.82	155.06	611.72	0.39
Kane	Seer	1507.796	P10	176.00	15.20	19.75	18.54	19.88	0.001491	1.63	107.99	66.63	0.38
Kane	Seer	1439.167	P1	400.00	14.96	21.14	19.11	21.21	0.000411	1.35	470.94	983.71	0.23
Kane	Seer	1439.167	P2	328.00	14.96	20.60	18.84	20.68	0.000581	1.45	353.19	638.11	0.26
Kane	Seer	1439.167	P5	240.00	14.96	20.09	18.44	20.18	0.000704	1.44	245.24	589.77	0.28
Kane	Seer	1439.167	P10	176.00	14.96	19.71	17.99	19.80	0.000733	1.36	171.15	559.66	0.28
Kane	Seer	1368.39	P1	400.00	14.95	21.11	19.86	21.18	0.000434	1.46	526.79	935.01	0.23
Kane	Seer	1368.39	P2	328.00	14.95	20.54	19.27	20.64	0.000699	1.68	373.88	593.70	0.29
Kane	Seer	1368.39	P5	240.00	14.95	19.95	18.71	20.10	0.001137	1.89	219.13	567.10	0.36
Kane	Seer	1368.39	P10	176.00	14.95	19.57	18.24	19.72	0.001227	1.78	128.27	110.89	0.36
Kane	Seer	1280.841	P1	400.00	14.89	21.10	19.68	21.14	0.000283	1.21	695.66	917.12	0.19
Kane	Seer	1280.841	P2	328.00	14.89	20.52	19.56	20.57	0.000463	1.40	509.34	894.16	0.23
Kane	Seer	1280.841	P5	240.00	14.89	19.92	18.97	20.00	0.000777	1.60	321.42	572.12	0.29
Kane	Seer	1280.841	P10	176.00	14.89	19.47	18.26	19.61	0.001245	1.83	190.07	555.88	0.36
Kane	Seer	1194.369	P1	415.00	14.73	21.08	19.65	21.11	0.000262	1.23	755.90	879.88	0.18
Kane	Seer	1194.369	P2	340.00	14.73	20.48	19.39	20.53	0.000433	1.45	540.32	854.40	0.23
Kane	Seer	1194.369	P5	249.00	14.73	19.81	18.42	19.92	0.000817	1.76	303.84	482.82	0.31
Kane	Seer	1194.369	P10	183.00	14.73	19.33	17.86	19.49	0.001216	1.94	159.22	205.10	0.37
Kane	Seer	1133.948	P1	415.00	14.67	21.07	19.55	21.10	0.000229	1.17	823.33	920.99	0.17
Kane	Seer	1133.948	P2	340.00	14.67	20.47	19.36	20.50	0.000363	1.35	600.33	891.59	0.21
Kane	Seer	1133.948	P5	249.00	14.67	19.79	19.15	19.87	0.000706	1.67	365.31	512.60	0.28
Kane	Seer	1133.948	P10	183.00	14.67	19.27	18.20	19.41	0.001222	1.98	200.06	261.57	0.36
Kane	Seer	1082.274	P1	415.00	14.47	21.05	19.31	21.08	0.000237	1.17	724.44	1102.59	0.17
Kane	Seer	1082.274	P2	340.00	14.47	20.45	19.17	20.49	0.000344	1.29	557.08	1048.79	0.20
Kane	Seer	1082.274	P5	249.00	14.47	19.77	18.52	19.83	0.000561	1.47	369.89	797.57	0.25
Kane	Seer	1082.274	P10	183.00	14.47	19.25	17.79	19.34	0.000882	1.66	229.50	362.71	0.30
Kane	Seer	1006.994	P1	415.00	14.49	21.04	19.17	21.07	0.000183	0.99	892.98	1145.27	0.15
Kane	Seer	1006.994	P2	340.00	14.49	20.42	18.96	20.46	0.000322	1.19	591.65	1145.27	0.20
Kane	Seer	1006.994	P5	249.00	14.49	19.72	18.27	19.79	0.000582	1.38	323.53	486.09	0.26
Kane	Seer	1006.994	P10	183.00	14.49	19.18	17.83	19.28	0.000931	1.53	193.67	211.14	0.32
Kane	Seer	945.3564	P1	415.00	14.64	20.99	19.01	21.05	0.000325	1.29	512.74	1285.04	0.20
Kane	Seer	945.3564	P2	340.00	14.64	20.37	18.83	20.43	0.000443	1.36	402.45	434.10	0.23
Kane	Seer	945.3564	P5	249.00	14.64	19.67	18.06	19.75	0.000653	1.42	279.83	330.67	0.27
Kane	Seer	945.3564	P10	183.00	14.64	19.12	17.57	19.22	0.000871	1.52	187.74	276.08	0.31
Kane	Seer	914.7647		Bridge									
Kane	Seer	879.6864	P1	415.00	14.22	20.22	18.80	20.25	0.000260	1.24	758.15	1274.12	0.18

HEC-RAS Plan: Plan 10 (Continued)

River	Reach	River Sta	Profile	Q Total (m <sup>3</sup> /s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m <sup>2</sup> )	Top Width (m)	Froude # Chi
Kane	Seer	879.6864	P2	340.00	14.22	19.86	18.65	19.89	0.000293	1.25	633.02	1262.04	0.19
Kane	Seer	879.6864	P5	249.00	14.22	19.30	18.38	19.35	0.000422	1.37	437.70	873.65	0.22
Kane	Seer	879.6864	P10	183.00	14.22	18.87	17.21	18.94	0.000537	1.43	290.70	300.61	0.25
Kane	Seer	773.1741	P1	415.00	13.83	20.15	18.91	20.21	0.000502	1.68	542.41	820.36	0.25
Kane	Seer	773.1741	P2	340.00	13.83	19.78	18.75	19.85	0.000561	1.69	452.50	820.36	0.26
Kane	Seer	773.1741	P5	249.00	13.83	19.18	17.99	19.28	0.000821	1.85	305.98	786.63	0.30
Kane	Seer	773.1741	P10	183.00	13.83	18.69	17.89	18.84	0.001209	2.05	186.78	676.04	0.36
Kane	Seer	722.0841	P1	415.00	13.61	20.14	18.42	20.18	0.000323	1.35	667.06	804.06	0.20
Kane	Seer	722.0841	P2	340.00	13.61	19.77	18.27	19.81	0.000358	1.34	554.75	804.06	0.21
Kane	Seer	722.0841	P5	249.00	13.61	19.18	18.04	19.23	0.000507	1.44	371.93	761.76	0.24
Kane	Seer	722.0841	P10	183.00	13.61	18.70	17.82	18.77	0.000656	1.49	236.10	177.06	0.27
Kane	Seer	643.1179	P1	415.00	13.61	20.06	18.45	20.14	0.000592	1.78	425.79	831.05	0.27
Kane	Seer	643.1179	P2	340.00	13.61	19.70	18.28	19.78	0.000602	1.70	366.66	831.05	0.27
Kane	Seer	643.1179	P5	249.00	13.61	19.11	18.07	19.19	0.000704	1.65	273.15	830.64	0.28
Kane	Seer	643.1179	P10	183.00	13.61	18.63	17.27	18.72	0.000808	1.61	207.40	159.07	0.30
Kane	Seer	554.8972	P1	415.00	13.61	19.92	18.34	20.07	0.000767	2.08	324.05	819.54	0.31
Kane	Seer	554.8972	P2	340.00	13.61	19.58	18.06	19.71	0.000738	1.93	284.76	819.54	0.30
Kane	Seer	554.8972	P5	249.00	13.61	18.99	17.72	19.11	0.000801	1.81	217.94	819.54	0.31
Kane	Seer	554.8972	P10	183.00	13.61	18.52	16.96	18.64	0.000842	1.69	164.90	392.78	0.31
Kane	Seer	444.2599	P1	415.00	13.61	19.90	18.40	19.97	0.000526	1.60	460.11	961.52	0.26
Kane	Seer	444.2599	P2	340.00	13.61	19.54	18.04	19.62	0.000553	1.54	390.80	961.52	0.26
Kane	Seer	444.2599	P5	249.00	13.61	18.92	17.71	19.01	0.000754	1.59	270.30	955.45	0.29
Kane	Seer	444.2599	P10	183.00	13.61	18.42	16.99	18.53	0.001028	1.64	172.55	858.63	0.33
Kane	Seer	358.4944	P1	415.00	13.40	19.72	18.08	19.89	0.000933	2.18	272.83	110.08	0.34
Kane	Seer	358.4944	P2	340.00	13.40	19.39	17.87	19.54	0.000863	1.98	244.77	109.57	0.32
Kane	Seer	358.4944	P5	249.00	13.40	18.80	17.56	18.93	0.000906	1.82	194.13	108.64	0.32
Kane	Seer	358.4944	P10	183.00	13.40	18.33	17.25	18.44	0.000936	1.66	154.05	107.89	0.32
Kane	Seer	306.5453	P1	415.00	13.61	18.77	18.77	19.65	0.006101	4.33	121.08	92.98	0.80
Kane	Seer	306.5453	P2	340.00	13.61	18.45	18.14	19.31	0.006393	4.16	95.79	92.66	0.81
Kane	Seer	306.5453	P5	249.00	13.61	17.96	17.64	18.71	0.006834	3.83	64.95	28.74	0.81
Kane	Seer	306.5453	P10	183.00	13.61	17.83	17.13	18.29	0.004391	2.99	61.28	28.36	0.65
Kane	Seer	257.6294	P1	415.00	13.39	19.05	18.05	19.12	0.000634	1.64	525.79	294.91	0.27
Kane	Seer	257.6294	P2	340.00	13.39	18.86	17.92	18.92	0.000578	1.52	471.69	293.64	0.26
Kane	Seer	257.6294	P5	249.00	13.39	18.24	17.71	18.34	0.001014	1.77	299.26	290.01	0.33
Kane	Seer	257.6294	P10	183.00	13.39	17.94	16.84	18.04	0.001134	1.74	214.92	279.77	0.34
Kane	Seer	197.2623	P1	415.00	13.39	18.90	18.07	19.04	0.001183	2.19	348.82	518.25	0.37
Kane	Seer	197.2623	P2	340.00	13.39	18.73	17.88	18.85	0.001020	1.97	318.06	515.22	0.34
Kane	Seer	197.2623	P5	249.00	13.39	18.01	17.62	18.22	0.002042	2.38	183.41	449.97	0.46
Kane	Seer	197.2623	P10	183.00	13.39	17.06	16.87	17.77	0.008277	3.73	49.06	26.62	0.88
Kane	Seer	116.93	P1	415.00	12.47	18.77	16.75	18.95	0.000900	2.14	348.24	529.73	0.33
Kane	Seer	116.93	P2	340.00	12.47	18.62	16.36	18.78	0.000745	1.91	306.12	528.06	0.30
Kane	Seer	116.93	P5	249.00	12.47	17.91	15.83	18.10	0.001024	1.97	155.48	152.98	0.34
Kane	Seer	116.93	P10	183.00	12.47	17.17	15.38	17.36	0.001183	1.93	94.76	32.53	0.36
Kane	Seer	78.88916	P1	415.00	11.93	18.19	18.06	18.80	0.004453	3.64	153.89	545.27	0.70
Kane	Seer	78.88916	P2	340.00	11.93	18.38	17.35	18.70	0.002212	2.68	178.25	547.25	0.50
Kane	Seer	78.88916	P5	249.00	11.93	17.36	16.58	17.94	0.005346	3.40	73.31	33.26	0.73
Kane	Seer	78.88916	P10	183.00	11.93	16.59	16.05	17.20	0.005371	3.45	53.02	23.16	0.73
Kane	Seer	52.67565	P1	415.00	11.74	18.10	18.10	18.67	0.004442	3.57	178.61	590.57	0.69
Kane	Seer	52.67565	P2	340.00	11.74	17.21	17.21	18.42	0.009898	4.86	69.93	29.03	1.00
Kane	Seer	52.67565	P5	249.00	11.74	16.45	16.45	17.64	0.010126	4.83	51.58	21.74	1.00
Kane	Seer	52.67565	P10	183.00	11.74	16.23	15.90	17.01	0.007004	3.89	47.02	20.76	0.83