

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT

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
RIO ABAJO COMPLE	9879.6	70% Q ACT	46.20	40.66	42.12	42.12	42.66	0.004239	3.23	14.28	13.61	1.01
RIO ABAJO COMPLE	9860	70% Q ACT	46.20	40.35	41.92		42.13	0.001727	2.04	22.66	22.98	0.66
RIO ABAJO COMPLE	9840	70% Q ACT	46.20	40.16	41.62	41.62	42.06	0.004218	2.91	15.89	18.45	1.00
RIO ABAJO COMPLE	9820	70% Q ACT	46.20	40.02	41.43	41.43	41.91	0.004162	3.09	14.97	15.61	1.01
RIO ABAJO COMPLE	9800	70% Q ACT	46.20	39.79	41.47		41.79	0.002315	2.50	18.46	16.91	0.76
RIO ABAJO COMPLE	9780	70% Q ACT	46.20	39.59	41.20	41.20	41.71	0.004101	3.18	14.52	14.08	1.00
RIO ABAJO COMPLE	9760	70% Q ACT	46.20	39.40	40.93	40.93	41.44	0.004101	3.18	14.53	14.09	1.00
RIO ABAJO COMPLE	9740	70% Q ACT	46.20	39.17	41.05		41.29	0.001457	2.18	21.24	16.46	0.61
RIO ABAJO COMPLE	9720	70% Q ACT	46.20	39.04	40.89		41.24	0.002554	2.63	17.54	15.09	0.78
RIO ABAJO COMPLE	9700	70% Q ACT	46.20	38.88	40.69	40.69	41.17	0.004466	3.05	15.13	15.88	1.00
RIO ABAJO COMPLE	9680	70% Q ACT	46.20	38.68	40.62		40.87	0.001646	2.21	20.89	17.77	0.65
RIO ABAJO COMPLE	9660	70% Q ACT	46.20	38.52	40.25	40.25	40.80	0.004063	3.26	14.16	13.06	1.00
RIO ABAJO COMPLE	9640	70% Q ACT	46.20	38.29	40.02	40.02	40.59	0.004048	3.33	13.86	12.27	1.00
RIO ABAJO COMPLE	9620	70% Q ACT	46.20	37.92	39.38	39.38	39.93	0.004104	3.30	14.00	12.72	1.01
RIO ABAJO COMPLE	9600	70% Q ACT	46.20	37.37	39.45		39.72	0.001342	2.33	19.84	12.35	0.59
RIO ABAJO COMPLE	9580	70% Q ACT	46.20	37.18	39.44		39.69	0.001164	2.21	20.88	12.51	0.55
RIO ABAJO COMPLE	9560	70% Q ACT	46.20	37.04	38.99	38.99	39.61	0.004153	3.49	13.23	10.82	1.01
RIO ABAJO COMPLE	9540	70% Q ACT	46.20	36.94	38.36	38.36	38.93	0.004137	3.36	13.75	12.08	1.01
RIO ABAJO COMPLE	9520	70% Q ACT	46.20	36.42	38.04	38.01	38.61	0.003831	3.35	13.80	11.21	0.96
RIO ABAJO COMPLE	9500	70% Q ACT	46.20	36.07	38.34		38.45	0.000547	1.58	33.21	28.52	0.39
RIO ABAJO COMPLE	9480	70% Q ACT	68.11	35.80	38.11		38.41	0.001577	2.44	27.88	19.72	0.66
RIO ABAJO COMPLE	9460	70% Q ACT	68.11	35.78	37.69	37.69	38.33	0.003886	3.53	19.28	15.19	1.00
RIO ABAJO COMPLE	9440	70% Q ACT	68.11	35.64	37.55	37.55	38.22	0.003991	3.61	18.86	14.36	1.01
RIO ABAJO COMPLE	9420	70% Q ACT	68.11	35.55	37.57		38.02	0.002211	2.97	22.93	15.10	0.77
RIO ABAJO COMPLE	9400	70% Q ACT	68.11	35.56	37.30	37.30	37.95	0.003990	3.57	19.08	14.87	1.01
RIO ABAJO COMPLE	9380	70% Q ACT	68.11	35.40	37.17	37.17	37.81	0.003996	3.54	19.24	15.26	1.01
RIO ABAJO COMPLE	9360	70% Q ACT	68.11	35.25	36.99	36.99	37.62	0.003908	3.52	19.37	15.37	1.00
RIO ABAJO COMPLE	9340	70% Q ACT	68.11	35.15	36.95		37.37	0.002584	2.86	23.80	19.21	0.82
RIO ABAJO COMPLE	9320	70% Q ACT	68.11	34.86	36.97		37.30	0.001666	2.55	26.88	20.22	0.67
RIO ABAJO COMPLE	9300	70% Q ACT	68.11	34.43	36.87		37.26	0.001741	2.76	24.66	14.56	0.68
RIO ABAJO COMPLE	9280	70% Q ACT	68.11	34.19	36.84		37.23	0.001520	2.75	24.77	12.98	0.64
RIO ABAJO COMPLE	9260	70% Q ACT	68.11	34.01	36.65		37.18	0.002300	3.21	21.21	11.96	0.77
RIO ABAJO COMPLE	9240	70% Q ACT	68.11	33.82	36.34	36.34	37.10	0.004128	3.84	17.75	11.83	1.00
RIO ABAJO COMPLE	9220	70% Q ACT	68.11	33.24	36.14	36.14	36.99	0.004626	4.07	16.71	9.92	1.00
RIO ABAJO COMPLE	9200	70% Q ACT	68.11	33.11	35.96	35.96	36.83	0.004782	4.12	16.54	9.57	1.00
RIO ABAJO COMPLE	9180	70% Q ACT	68.11	32.93	36.02	35.63	36.51	0.002412	3.10	21.98	12.67	0.75
RIO ABAJO COMPLE	9160	70% Q ACT	68.11	32.90	35.56	35.56	36.41	0.004407	4.06	16.76	10.08	1.01
RIO ABAJO COMPLE	9140	70% Q ACT	68.11	33.05	35.57	35.43	36.22	0.003272	3.58	19.01	11.87	0.90
RIO ABAJO COMPLE	9120	70% Q ACT	68.11	32.56	35.25	35.25	36.12	0.004894	4.14	16.46	9.43	1.00
RIO ABAJO COMPLE	9100	70% Q ACT	68.11	32.48	35.49		35.91	0.001827	2.87	23.72	11.61	0.64
RIO ABAJO COMPLE	9080	70% Q ACT	68.11	32.37	34.96	34.96	35.81	0.004503	4.08	16.70	9.86	1.00
RIO ABAJO COMPLE	9060	70% Q ACT	68.11	31.92	34.39	34.39	35.23	0.004445	4.06	16.76	9.97	1.00
RIO ABAJO COMPLE	9040	70% Q ACT	68.11	31.88	34.32	34.27	35.03	0.003597	3.74	18.22	11.81	0.96
RIO ABAJO COMPLE	9020	70% Q ACT	68.11	31.84	34.40		34.91	0.002294	3.18	21.43	12.55	0.78
RIO ABAJO COMPLE	9000	70% Q ACT	68.11	31.77	34.37		34.86	0.002084	3.12	21.86	11.80	0.73
RIO ABAJO COMPLE	8980	70% Q ACT	68.11	31.59	33.99	33.93	34.78	0.003943	3.93	17.35	10.11	0.96
RIO ABAJO COMPLE	8960	70% Q ACT	68.11	31.50	34.21		34.61	0.001572	2.81	24.27	12.54	0.64
RIO ABAJO COMPLE	8940	70% Q ACT	68.11	31.40	34.11		34.57	0.001933	3.02	22.55	11.80	0.70
RIO ABAJO COMPLE	8920	70% Q ACT	68.11	31.32	33.65	33.65	34.48	0.004475	4.04	16.87	10.15	1.00
RIO ABAJO COMPLE	8900	70% Q ACT	68.11	31.28	33.49	33.49	34.37	0.004777	4.16	16.38	9.37	1.00
RIO ABAJO COMPLE	8880	70% Q ACT	68.11	31.18	33.38	33.38	34.23	0.004570	4.09	16.65	9.79	1.00
RIO ABAJO COMPLE	8870.42	70% Q ACT	68.11	31.16	33.37	33.25	34.09	0.003431	3.75	18.22	10.90	0.90
RIO ABAJO COMPLE	8860	Bridge										
RIO ABAJO COMPLE	8840	70% Q ACT	68.11	31.39	33.49		33.90	0.000887	2.84	23.95	14.45	0.71
RIO ABAJO COMPLE	8820	70% Q ACT	68.11	31.20	33.55		33.86	0.000588	2.46	27.70	15.64	0.59
RIO ABAJO COMPLE	8800	70% Q ACT	68.11	30.96	33.45		33.83	0.000791	2.75	24.79	14.74	0.68
RIO ABAJO COMPLE	8780	70% Q ACT	68.11	30.99	32.95	32.95	33.77	0.001951	3.99	17.05	10.59	1.00
RIO ABAJO COMPLE	8760	70% Q ACT	68.11	30.81	32.79	32.79	33.67	0.002005	4.16	16.38	9.31	1.00
RIO ABAJO COMPLE	8740	70% Q ACT	68.11	30.65	32.55	32.55	33.34	0.001849	3.92	17.36	11.08	1.00
RIO ABAJO COMPLE	8720	70% Q ACT	68.11	30.45	32.47	32.47	33.19	0.002068	3.75	18.17	12.81	1.00
RIO ABAJO COMPLE	8700	70% Q ACT	68.11	30.45	32.33	32.33	33.06	0.001872	3.79	17.99	12.44	1.01
RIO ABAJO COMPLE	8680	70% Q ACT	68.11	30.26	32.16	32.13	32.90	0.001819	3.82	17.84	11.42	0.98
RIO ABAJO COMPLE	8660	70% Q ACT	68.11	30.09	32.06	32.06	32.86	0.001934	3.95	17.25	10.88	1.00
RIO ABAJO COMPLE	8640	70% Q ACT	68.11	30.01	31.93	31.93	32.80	0.002054	4.13	16.48	9.80	1.02
RIO ABAJO COMPLE	8620	70% Q ACT	68.11	29.66	31.63	31.63	32.50	0.002016	4.12	16.54	9.64	1.00
RIO ABAJO COMPLE	8600	70% Q ACT	68.11	29.40	31.38	31.38	32.21	0.001947	4.06	16.80	10.09	1.00
RIO ABAJO COMPLE	8580	70% Q ACT	68.11	29.11	31.38		31.91	0.001042	3.23	21.10	11.20	0.75
RIO ABAJO COMPLE	8560	70% Q ACT	68.11	28.95	30.99	30.99	31.85	0.001956	4.10	16.63	9.73	1.00
RIO ABAJO COMPLE	8540	70% Q ACT	68.11	28.75	30.73	30.73	31.56	0.001930	4.04	16.85	10.14	1.00
RIO ABAJO COMPLE	8520	70% Q ACT	68.11	28.59	30.58		30.83	0.000506	2.23	30.49	18.68	0.56
RIO ABAJO COMPLE	8500	70% Q ACT	68.11	28.43	30.06	30.06	30.77	0.001768	3.75	18.18	12.74	1.00
RIO ABAJO COMPLE	8480	70% Q ACT	68.11	28.30	30.06		30.43	0.002141	2.70	25.25	18.40	0.74
RIO ABAJO COMPLE	8460	70% Q ACT	68.11	28.23	29.88		30.37	0.002745	3.10	21.97	16.15	0.85
RIO ABAJO COMPLE	8440	70% Q ACT	68.11	28.16	29.96		30.27	0.001858	2.45	27.75	22.10	0.70
RIO ABAJO COMPLE	8420	70% Q ACT	68.11	27.90	29.92		30.23	0.001656	2.49	27.34	18.82	0.66
RIO ABAJO COMPLE	8400	70% Q ACT	68.11	27.97	29.55	29.55	30.16	0.004054	3.44	19.82	16.51	1.00
RIO ABAJO COMPLE	8380	70% Q ACT	68.11	28.23	29.46	29.46	30.04	0.004175	3.37	20.21	17.46	1.00
RIO ABAJO COMPLE	8360	70% Q ACT	68.11	27.78	29.34	29.34	29.95	0.004003	3.45	19.72	16.29	1.00
RIO ABAJO COMPLE	8340	70% Q ACT	68.11	27.59	29.12	29.12	29.67	0.003966	3.31	20.60	18.54	1.00
RIO ABAJO COMPLE	8320	70% Q ACT	68.11	27.10	28.74		29.13	0.002233	2.76	24.68	18.81	0.77
RIO ABAJO COMPLE	8300	70% Q ACT	68.11	26.74	28.89		29.03	0.000760	1.71	39.89	27.62	0.45
RIO ABAJO COMPLE	8280	70% Q ACT	68.11	26.43	28.91		29.01	0.000416	1.35	50.42	31.60	0.34
RIO ABAJO COMPLE	8260	70% Q ACT	68.11	26.43	28.79		28.98	0.000839	1.96	34.74	20.54	0.48
RIO ABAJO COMPLE	8240	70% Q ACT	68.11	26.41	28.77		28.97	0.000768	1.94	35.06	19.78	0.47

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT (Continued)

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
RIO ABAJO COMPLE	8220	70% Q ACT	68.11	26.37	28.77		28.94	0.000961	1.84	36.93	27.09	0.50
RIO ABAJO COMPLE	8200	70% Q ACT	68.11	26.31	28.81		28.91	0.000443	1.43	47.63	28.83	0.36
RIO ABAJO COMPLE	8180	70% Q ACT	68.11	26.05	28.84		28.89	0.000196	0.99	68.59	38.97	0.24
RIO ABAJO COMPLE	8160	70% Q ACT	68.11	26.10	28.84		28.88	0.000178	0.91	75.22	46.02	0.23
RIO ABAJO COMPLE	8140	70% Q ACT	68.11	25.83	28.85		28.88	0.000140	0.76	89.26	59.38	0.20
RIO ABAJO COMPLE	8120	70% Q ACT	68.11	25.29	28.84		28.87	0.000133	0.75	91.15	59.66	0.19
RIO ABAJO COMPLE	8100	70% Q ACT	68.11	25.85	28.84		28.87	0.000098	0.70	96.99	56.11	0.17
RIO ABAJO COMPLE	8080	70% Q ACT	68.11	25.13	28.84		28.87	0.000132	0.74	91.94	59.75	0.19
RIO ABAJO COMPLE	8060	70% Q ACT	68.11	25.26	28.81		28.86	0.000268	1.02	66.46	45.24	0.27
RIO ABAJO COMPLE	8040	70% Q ACT	68.11	25.28	28.82		28.85	0.000094	0.76	89.23	43.57	0.17
RIO ABAJO COMPLE	8020	70% Q ACT	68.11	25.30	28.81		28.85	0.000124	0.90	75.61	33.94	0.19
RIO ABAJO COMPLE	8000	70% Q ACT	68.11	25.11	28.79		28.84	0.000155	1.01	67.12	29.64	0.22
RIO ABAJO COMPLE	7980	70% Q ACT	130.62	25.16	28.63		28.82	0.000450	1.95	66.93	23.78	0.37
RIO ABAJO COMPLE	7960	70% Q ACT	130.62	24.73	28.46		28.80	0.000827	2.56	51.12	18.68	0.49
RIO ABAJO COMPLE	7940	70% Q ACT	130.62	24.31	28.40		28.78	0.000914	2.70	48.40	16.90	0.51
RIO ABAJO COMPLE	7920	70% Q ACT	130.62	24.90	28.32		28.75	0.001138	2.90	45.01	17.31	0.57
RIO ABAJO COMPLE	7900	70% Q ACT	130.62	24.80	28.39		28.69	0.000737	2.42	53.87	20.29	0.48
RIO ABAJO COMPLE	7890.75	70% Q ACT	130.62	24.34	28.48	26.75	28.65	0.000435	1.83	71.23	28.18	0.37
RIO ABAJO COMPLE	7885	Bridge										
RIO ABAJO COMPLE	7860	70% Q ACT	130.62	24.15	27.90		28.36	0.001266	3.03	43.04	16.33	0.60
RIO ABAJO COMPLE	7840	70% Q ACT	130.62	24.34	27.79		28.33	0.001524	3.26	40.07	15.90	0.66
RIO ABAJO COMPLE	7820	70% Q ACT	130.62	24.30	27.79		28.29	0.001364	3.12	41.85	16.37	0.62
RIO ABAJO COMPLE	7800	70% Q ACT	130.62	24.23	27.76		28.26	0.001648	3.11	41.98	19.56	0.68
RIO ABAJO COMPLE	7780	70% Q ACT	130.62	24.03	27.55		28.21	0.001964	3.58	36.47	14.04	0.71
RIO ABAJO COMPLE	7760	70% Q ACT	130.62	24.05	27.63		28.13	0.001308	3.13	41.75	14.95	0.60
RIO ABAJO COMPLE	7740	70% Q ACT	130.62	23.94	27.63		28.09	0.001264	3.01	43.37	16.57	0.59
RIO ABAJO COMPLE	7720	70% Q ACT	130.62	23.84	27.58		28.06	0.001332	3.09	42.34	16.24	0.61
RIO ABAJO COMPLE	7700	70% Q ACT	130.62	23.70	27.59		28.02	0.001136	2.92	44.77	16.31	0.56
RIO ABAJO COMPLE	7680	70% Q ACT	130.62	23.62	27.61		27.98	0.000906	2.70	48.40	17.16	0.51
RIO ABAJO COMPLE	7660	70% Q ACT	162.61	23.54	27.32		27.93	0.001549	3.48	46.67	16.82	0.67
RIO ABAJO COMPLE	7640	70% Q ACT	162.61	23.45	27.34		27.88	0.001334	3.28	49.53	17.52	0.62
RIO ABAJO COMPLE	7620	70% Q ACT	162.61	23.13	27.38		27.83	0.001070	2.98	54.64	18.89	0.56
RIO ABAJO COMPLE	7600	70% Q ACT	162.61	22.63	27.24		27.80	0.001358	3.31	49.06	15.79	0.60
RIO ABAJO COMPLE	7580	70% Q ACT	162.61	22.69	27.02		27.75	0.001927	3.78	43.05	14.85	0.71
RIO ABAJO COMPLE	7560	70% Q ACT	162.61	22.73	26.41	26.41	27.64	0.003915	4.91	33.11	13.64	1.01
RIO ABAJO COMPLE	7540	70% Q ACT	162.61	22.99	26.30	26.30	27.50	0.003861	4.85	33.50	13.98	1.00
RIO ABAJO COMPLE	7520	70% Q ACT	162.61	22.27	26.11	25.91	27.17	0.003284	4.57	35.60	13.73	0.91
RIO ABAJO COMPLE	7500	70% Q ACT	162.61	22.45	25.86	25.86	27.08	0.003969	4.90	33.21	13.61	1.00
RIO ABAJO COMPLE	7480	70% Q ACT	162.61	22.39	25.69	25.69	26.93	0.003955	4.93	32.98	13.39	1.00
RIO ABAJO COMPLE	7460	70% Q ACT	162.61	22.31	25.34	25.34	26.53	0.003889	4.84	33.62	14.09	1.00
RIO ABAJO COMPLE	7440	70% Q ACT	162.61	21.78	25.10	25.10	26.38	0.004386	5.02	32.42	12.77	1.01
RIO ABAJO COMPLE	7420	70% Q ACT	162.61	21.91	24.86	24.86	26.07	0.004057	4.87	33.37	13.82	1.00
RIO ABAJO COMPLE	7400	70% Q ACT	162.61	21.70	25.16		25.45	0.000758	2.40	67.76	27.95	0.49
RIO ABAJO COMPLE	7380	70% Q ACT	162.61	22.12	24.84		25.40	0.002190	3.32	48.99	27.25	0.79
RIO ABAJO COMPLE	7360	70% Q ACT	162.61	22.11	24.79		25.36	0.001891	3.33	48.81	24.16	0.75
RIO ABAJO COMPLE	7340	70% Q ACT	162.61	22.03	24.61		25.30	0.002410	3.69	44.09	22.59	0.84
RIO ABAJO COMPLE	7320	70% Q ACT	162.61	21.96	24.73		25.20	0.001671	3.03	53.67	27.80	0.70
RIO ABAJO COMPLE	7300	70% Q ACT	162.61	21.84	24.72		25.15	0.001296	2.91	55.94	25.94	0.63
RIO ABAJO COMPLE	7280	70% Q ACT	162.61	21.64	24.61		25.12	0.001593	3.14	51.71	24.75	0.69
RIO ABAJO COMPLE	7260	70% Q ACT	162.61	21.69	24.64		25.07	0.001380	2.89	56.30	27.88	0.65
RIO ABAJO COMPLE	7240	70% Q ACT	162.61	21.56	24.71		25.00	0.000888	2.37	68.54	32.75	0.52
RIO ABAJO COMPLE	7220	70% Q ACT	162.61	21.53	24.60		24.97	0.001480	2.70	60.31	35.05	0.66
RIO ABAJO COMPLE	7200	70% Q ACT	162.61	21.23	24.65		24.92	0.000724	2.29	71.03	30.83	0.48
RIO ABAJO COMPLE	7180	70% Q ACT	162.61	21.23	24.66		24.90	0.000598	2.18	74.72	30.19	0.44
RIO ABAJO COMPLE	7160	70% Q ACT	162.61	20.57	24.63		24.88	0.000764	2.23	72.92	33.55	0.48
RIO ABAJO COMPLE	7140	70% Q ACT	162.61	21.05	24.35		24.84	0.001506	3.10	52.47	24.41	0.68
RIO ABAJO COMPLE	7120	70% Q ACT	162.61	20.65	24.36		24.80	0.001346	2.94	55.36	25.81	0.64
RIO ABAJO COMPLE	7100	70% Q ACT	162.61	20.41	24.35		24.75	0.001632	2.81	57.84	31.76	0.67
RIO ABAJO COMPLE	7080	70% Q ACT	162.61	20.61	24.51		24.66	0.000388	1.72	94.67	38.40	0.35
RIO ABAJO COMPLE	7060	70% Q ACT	162.61	20.52	24.51		24.66	0.000407	1.69	96.24	39.89	0.35
RIO ABAJO COMPLE	7040	70% Q ACT	162.61	20.36	24.08		24.60	0.001346	3.19	50.95	19.72	0.63
RIO ABAJO COMPLE	7020	70% Q ACT	162.61	20.29	23.99		24.57	0.001465	3.38	48.18	17.91	0.66
RIO ABAJO COMPLE	7000	70% Q ACT	162.61	20.25	23.98	23.16	24.53	0.001416	3.31	49.19	18.52	0.65
RIO ABAJO COMPLE	6980	Bridge										
RIO ABAJO COMPLE	6970	70% Q ACT	162.61	20.20	24.00		24.45	0.001049	2.96	54.89	19.50	0.56
RIO ABAJO COMPLE	6960	70% Q ACT	162.61	19.95	24.01		24.43	0.001415	2.87	56.62	27.44	0.64
RIO ABAJO COMPLE	6940	70% Q ACT	162.61	19.72	23.84		24.38	0.001823	3.27	49.77	23.10	0.71
RIO ABAJO COMPLE	6920	70% Q ACT	162.61	19.73	23.67		24.33	0.002225	3.61	45.06	20.26	0.77
RIO ABAJO COMPLE	6900	70% Q ACT	162.61	19.76	23.69		24.27	0.001409	3.35	48.49	17.10	0.64
RIO ABAJO COMPLE	6880	70% Q ACT	162.61	19.70	23.74		24.21	0.001128	3.02	53.90	19.76	0.58
RIO ABAJO COMPLE	6860	70% Q ACT	162.61	19.62	22.79	22.79	24.09	0.003851	5.04	32.26	12.47	1.00
RIO ABAJO COMPLE	6840	70% Q ACT	162.61	19.42	22.99		23.81	0.002350	4.03	40.39	16.53	0.82
RIO ABAJO COMPLE	6820	70% Q ACT	162.61	19.13	23.06		23.72	0.002142	3.60	45.17	20.78	0.78
RIO ABAJO COMPLE	6800	70% Q ACT	162.61	19.05	23.31		23.58	0.000682	2.32	70.20	26.96	0.46
RIO ABAJO COMPLE	6780	70% Q ACT	162.61	18.82	23.32		23.56	0.000590	2.18	74.68	27.34	0.42
RIO ABAJO COMPLE	6760	70% Q ACT	162.61	18.86	22.87		23.50	0.001916	3.53	46.13	19.50	0.73
RIO ABAJO COMPLE	6740	70% Q ACT	162.61	18.89	22.89		23.44	0.001298	3.28	49.54	17.32	0.62
RIO ABAJO COMPLE	6720	70% Q ACT	179.97	18.78	22.15	22.15	23.34	0.003595	4.83	37.29	15.77	1.00
RIO ABAJO COMPLE	6700	70% Q ACT	179.97	18.21	22.15		22.81	0.001703	3.61	49.90	19.39	0.72
RIO ABAJO COMPLE	6680	70% Q ACT	179.97	18.32	22.29		22.71	0.000965	2.89	62.37	22.30	0.55
RIO ABAJO COMPLE	6660	70% Q ACT	179.97	18.25	22.21		22.69	0.001048	3.06	58.80	19.67	0.57
RIO ABAJO COMPLE	6640	70% Q ACT	179.97	18.15	22.22		22.66	0.000915	2.93	61.37	19.34	0.53
RIO ABAJO COMPLE	6620	70% Q ACT	179.97	18.35	22.32		22.59	0.000594	2.28	78.85	27.81	0.43
RIO ABAJO COMPLE	6600	70% Q ACT	179.97	18.27	22.12		22.56	0.001222	2.93	61.34	25.93	0.61

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT (Continued)

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
RIO ABAJO COMPLE	6580	70% Q ACT	179.97	18.47	22.20		22.49	0.000719	2.38	75.76	29.69	0.47
RIO ABAJO COMPLE	6560	70% Q ACT	179.97	17.80	21.85		22.44	0.001437	3.42	52.66	18.68	0.65
RIO ABAJO COMPLE	6540	70% Q ACT	179.97	17.46	21.11	21.11	22.33	0.003745	4.90	36.74	15.07	1.00
RIO ABAJO COMPLE	6520	70% Q ACT	179.97	17.85	20.95	20.95	22.10	0.003632	4.76	37.79	16.35	1.00
RIO ABAJO COMPLE	6500	70% Q ACT	179.97	17.99	20.97		21.77	0.002305	3.96	45.41	19.11	0.82
RIO ABAJO COMPLE	6480	70% Q ACT	179.97	17.81	21.06		21.68	0.001685	3.49	51.56	21.07	0.71
RIO ABAJO COMPLE	6460	70% Q ACT	179.97	17.08	21.19		21.59	0.000881	2.81	64.05	21.13	0.52
RIO ABAJO COMPLE	6440	70% Q ACT	179.97	16.41	20.36	20.36	21.48	0.003627	4.71	38.25	17.04	1.00
RIO ABAJO COMPLE	6420	70% Q ACT	179.97	16.73	19.96	19.96	21.15	0.003613	4.83	37.24	15.80	1.01
RIO ABAJO COMPLE	6400	70% Q ACT	179.97	16.45	19.77	19.73	20.92	0.003447	4.75	37.89	15.92	0.98
RIO ABAJO COMPLE	6373.63	70% Q ACT	179.97	17.03	20.42	19.09	20.61	0.000460	1.95	92.16	35.83	0.39
RIO ABAJO COMPLE	6350	Bridge										
RIO ABAJO COMPLE	6329.87	70% Q ACT	179.97	16.54	20.38		20.59	0.000425	2.01	89.51	30.73	0.38
RIO ABAJO COMPLE	6320	70% Q ACT	179.97	16.54	20.29		20.58	0.000742	2.38	75.63	30.99	0.49
RIO ABAJO COMPLE	6300	70% Q ACT	179.97	16.34	19.64	19.49	20.49	0.002834	4.09	44.02	21.44	0.91
RIO ABAJO COMPLE	6280	70% Q ACT	179.97	16.57	19.74		20.39	0.001781	3.56	50.49	21.07	0.74
RIO ABAJO COMPLE	6260	70% Q ACT	179.97	16.40	19.74		20.34	0.001614	3.44	52.28	21.38	0.70
RIO ABAJO COMPLE	6240	70% Q ACT	179.97	16.46	19.69		20.31	0.001718	3.48	51.67	21.92	0.72
RIO ABAJO COMPLE	6220	70% Q ACT	179.97	16.27	19.63		20.27	0.001770	3.54	50.90	20.80	0.72
RIO ABAJO COMPLE	6200	70% Q ACT	179.97	16.09	19.63		20.22	0.001752	3.41	52.79	23.43	0.73
RIO ABAJO COMPLE	6180	70% Q ACT	179.97	15.94	19.70		20.15	0.001388	2.96	60.82	28.18	0.64
RIO ABAJO COMPLE	6160	70% Q ACT	179.97	15.65	19.59		20.11	0.001735	3.19	56.37	26.51	0.70
RIO ABAJO COMPLE	6140	70% Q ACT	179.97	15.78	19.28		20.05	0.002083	3.87	46.49	17.37	0.76
RIO ABAJO COMPLE	6120	70% Q ACT	179.97	15.72	19.51		19.91	0.001133	2.79	65.15	30.68	0.59
RIO ABAJO COMPLE	6100	70% Q ACT	179.97	15.10	19.62		19.83	0.000711	2.07	86.76	40.00	0.45
RIO ABAJO COMPLE	6080	70% Q ACT	179.97	15.32	18.59	18.59	19.72	0.003496	4.71	38.23	17.02	1.00
RIO ABAJO COMPLE	6060	70% Q ACT	179.97	15.23	18.79		19.11	0.001021	2.49	72.16	34.70	0.55
RIO ABAJO COMPLE	6040	70% Q ACT	179.97	15.28	18.77		19.08	0.001294	2.49	72.22	41.67	0.60
RIO ABAJO COMPLE	6020	70% Q ACT	179.97	15.33	18.76		19.05	0.000960	2.38	75.49	37.66	0.54
RIO ABAJO COMPLE	6000	70% Q ACT	179.97	15.10	18.86		18.99	0.000406	1.58	113.74	55.48	0.35
RIO ABAJO COMPLE	5980	70% Q ACT	179.97	14.96	18.68		18.96	0.001116	2.37	75.88	42.26	0.57
RIO ABAJO COMPLE	5960	70% Q ACT	179.97	15.12	18.72		18.92	0.000627	2.00	90.12	42.39	0.44
RIO ABAJO COMPLE	5940	70% Q ACT	179.97	15.08	18.65		18.90	0.000803	2.24	80.32	38.18	0.49
RIO ABAJO COMPLE	5920	70% Q ACT	179.97	15.12	18.36		18.85	0.002049	3.12	57.70	34.38	0.77
RIO ABAJO COMPLE	5900	70% Q ACT	179.97	14.92	18.49		18.76	0.000804	2.31	77.83	35.80	0.50
RIO ABAJO COMPLE	5880	70% Q ACT	179.97	14.56	18.47		18.74	0.000831	2.32	77.65	36.36	0.51
RIO ABAJO COMPLE	5860	70% Q ACT	179.97	14.50	18.33		18.71	0.001160	2.75	65.55	29.56	0.59
RIO ABAJO COMPLE	5840	70% Q ACT	179.97	14.38	18.32		18.69	0.001075	2.68	67.09	30.39	0.58
RIO ABAJO COMPLE	5820	70% Q ACT	179.97	14.37	17.97		18.63	0.001819	3.59	50.07	20.53	0.73
RIO ABAJO COMPLE	5800	70% Q ACT	179.97	14.29	17.98		18.58	0.001605	3.41	52.85	21.94	0.70
RIO ABAJO COMPLE	5780	70% Q ACT	179.97	14.19	17.73		18.52	0.002131	3.94	45.62	18.21	0.80
RIO ABAJO COMPLE	5760	70% Q ACT	179.97	14.18	17.61		18.47	0.002347	4.10	43.86	17.17	0.82
RIO ABAJO COMPLE	5740	70% Q ACT	179.97	13.85	17.24	17.24	18.38	0.003608	4.74	37.95	16.63	1.00
RIO ABAJO COMPLE	5720	70% Q ACT	179.97	14.25	17.16	17.16	18.20	0.003491	4.51	39.90	19.25	1.00
RIO ABAJO COMPLE	5700	70% Q ACT	179.97	14.15	17.10	16.95	17.98	0.002750	4.16	43.28	20.14	0.91
RIO ABAJO COMPLE	5680	70% Q ACT	179.97	14.28	17.36		17.82	0.001233	2.99	60.16	25.42	0.62
RIO ABAJO COMPLE	5660	70% Q ACT	179.97	13.83	17.23		17.78	0.001510	3.30	54.54	23.02	0.68
RIO ABAJO COMPLE	5640	70% Q ACT	179.97	13.76	17.21		17.75	0.001407	3.24	55.48	22.72	0.66
RIO ABAJO COMPLE	5620	70% Q ACT	179.97	13.18	17.25		17.70	0.001176	2.95	60.93	24.97	0.60
RIO ABAJO COMPLE	5600	70% Q ACT	179.97	13.16	17.30		17.64	0.001014	2.57	69.92	31.92	0.56
RIO ABAJO COMPLE	5580	70% Q ACT	179.97	13.61	17.16		17.61	0.001517	2.96	60.76	30.18	0.67
RIO ABAJO COMPLE	5560	70% Q ACT	179.97	13.29	17.17		17.57	0.001132	2.79	64.42	28.47	0.59
RIO ABAJO COMPLE	5540	70% Q ACT	179.97	13.71	17.16		17.54	0.001031	2.73	65.94	27.63	0.56
RIO ABAJO COMPLE	5520	70% Q ACT	179.97	13.41	17.19		17.50	0.000746	2.44	73.79	28.78	0.49
RIO ABAJO COMPLE	5500	70% Q ACT	179.97	12.93	17.07		17.47	0.001216	2.81	64.12	29.20	0.60
RIO ABAJO COMPLE	5480	70% Q ACT	179.97	13.28	17.04		17.45	0.001210	2.82	63.93	28.16	0.60
RIO ABAJO COMPLE	5460	70% Q ACT	179.97	13.43	17.13		17.38	0.000678	2.24	80.24	33.96	0.47
RIO ABAJO COMPLE	5440	70% Q ACT	179.97	13.15	17.11		17.37	0.000654	2.25	79.82	31.59	0.45
RIO ABAJO COMPLE	5420	70% Q ACT	179.97	13.43	17.12		17.35	0.000576	2.10	85.68	34.82	0.43
RIO ABAJO COMPLE	5400	70% Q ACT	179.97	13.42	17.01		17.33	0.000763	2.47	72.91	28.52	0.49
RIO ABAJO COMPLE	5380	70% Q ACT	179.97	13.21	16.90		17.30	0.001094	2.79	64.46	27.27	0.58
RIO ABAJO COMPLE	5360	70% Q ACT	179.97	13.06	17.01		17.23	0.000524	2.09	86.18	32.67	0.41
RIO ABAJO COMPLE	5340	70% Q ACT	179.97	12.48	16.88		17.21	0.000838	2.52	71.52	28.23	0.50
RIO ABAJO COMPLE	5320	70% Q ACT	179.97	12.54	16.86		17.19	0.000869	2.54	70.82	28.18	0.51
RIO ABAJO COMPLE	5300	70% Q ACT	179.97	12.65	16.80		17.17	0.001151	2.69	66.89	29.52	0.57
RIO ABAJO COMPLE	5280	70% Q ACT	179.97	12.58	16.82		17.13	0.000814	2.49	72.35	28.25	0.50
RIO ABAJO COMPLE	5260	70% Q ACT	179.97	12.55	16.80		17.11	0.000842	2.50	72.00	29.04	0.51
RIO ABAJO COMPLE	5240	70% Q ACT	179.97	12.48	16.12	16.12	17.02	0.003866	4.22	42.68	23.94	1.01
RIO ABAJO COMPLE	5220	70% Q ACT	179.97	12.62	16.11	15.74	16.75	0.002802	3.55	50.75	29.44	0.86
RIO ABAJO COMPLE	5200	70% Q ACT	179.97	12.37	16.20		16.64	0.001806	2.95	61.08	35.02	0.71
RIO ABAJO COMPLE	5180	70% Q ACT	179.97	12.23	16.16		16.60	0.002356	2.95	60.94	42.96	0.79
RIO ABAJO COMPLE	5160	70% Q ACT	179.97	12.28	16.16		16.54	0.001685	2.73	65.82	39.12	0.67
RIO ABAJO COMPLE	5140	70% Q ACT	179.97	11.97	16.22		16.48	0.000969	2.28	79.03	41.38	0.53
RIO ABAJO COMPLE	5120	70% Q ACT	179.97	12.24	16.22		16.45	0.000879	2.12	84.83	47.18	0.51
RIO ABAJO COMPLE	5100	70% Q ACT	179.97	12.20	16.23		16.43	0.000524	2.01	89.69	36.40	0.41
RIO ABAJO COMPLE	5080	70% Q ACT	179.97	12.04	16.20		16.42	0.000653	2.05	87.62	40.00	0.44
RIO ABAJO COMPLE	5060	70% Q ACT	179.97	11.64	16.03		16.39	0.001114	2.64	68.22	31.90	0.58
RIO ABAJO COMPLE	5043.18	70% Q ACT	179.97	11.98	16.10	14.72	16.34	0.000534	2.15	83.58	31.07	0.42
RIO ABAJO COMPLE	5030	Bridge										
RIO ABAJO COMPLE	5020	70% Q ACT	179.97	11.90	16.07		16.31	0.000599	2.18	82.59	32.70	0.44
RIO ABAJO COMPLE	5000	70% Q ACT	179.97	12.05	15.89		16.28	0.000998	2.78	64.85	25.62	0.56
RIO ABAJO COMPLE	4980	70% Q ACT	179.97	11.88	16.01		16.21	0.000406	1.98	91.02	30.31	0.36
RIO ABAJO COMPLE	4960	70% Q ACT	179.97	11.77	15.85		16.19	0.000734	2.57	69.94	24.51	0.49
RIO ABAJO COMPLE	4940	70% Q ACT	179.97	11.34	15.59		16.15	0.001234	3.29	54.66	18.48	0.61

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT (Continued)

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
RIO ABAJO COMPLE	4920	70% Q ACT	179.97	11.47	15.61		16.11	0.001100	3.13	57.51	19.61	0.58
RIO ABAJO COMPLE	4900	70% Q ACT	179.97	10.87	15.72		16.04	0.000702	2.51	71.71	24.01	0.46
RIO ABAJO COMPLE	4880	70% Q ACT	232.26	10.87	15.32		15.98	0.001471	3.61	64.26	21.83	0.67
RIO ABAJO COMPLE	4860	70% Q ACT	232.26	11.21	15.29		15.95	0.001420	3.60	64.45	21.71	0.67
RIO ABAJO COMPLE	4840	70% Q ACT	232.26	11.33	15.30		15.91	0.001508	3.45	67.24	25.23	0.68
RIO ABAJO COMPLE	4820	70% Q ACT	232.26	11.24	15.36		15.84	0.001203	3.09	75.27	27.99	0.60
RIO ABAJO COMPLE	4800	70% Q ACT	232.26	11.09	15.38		15.80	0.001066	2.88	80.52	30.82	0.57
RIO ABAJO COMPLE	4780	70% Q ACT	232.26	10.82	15.27		15.77	0.001252	3.13	74.18	28.70	0.62
RIO ABAJO COMPLE	4760	70% Q ACT	232.26	10.67	15.30		15.72	0.000994	2.87	80.93	29.74	0.56
RIO ABAJO COMPLE	4740	70% Q ACT	232.26	10.67	15.38		15.67	0.000597	2.38	97.41	32.51	0.44
RIO ABAJO COMPLE	4720	70% Q ACT	232.26	10.13	15.43		15.63	0.000373	2.02	115.15	34.80	0.35
RIO ABAJO COMPLE	4700	70% Q ACT	232.26	10.41	15.05		15.59	0.001264	3.25	71.56	26.28	0.63
RIO ABAJO COMPLE	4680	70% Q ACT	232.26	10.73	14.82		15.54	0.001784	3.77	61.58	23.66	0.75
RIO ABAJO COMPLE	4660	70% Q ACT	232.26	10.79	14.92		15.45	0.001188	3.24	71.72	25.07	0.61
RIO ABAJO COMPLE	4640	70% Q ACT	232.26	10.71	14.95		15.41	0.001019	3.01	77.17	27.48	0.57
RIO ABAJO COMPLE	4620	70% Q ACT	232.26	10.56	14.98		15.37	0.000877	2.76	84.06	30.66	0.53
RIO ABAJO COMPLE	4600	70% Q ACT	232.26	10.30	14.71		15.32	0.001391	3.47	66.93	22.94	0.65
RIO ABAJO COMPLE	4580	70% Q ACT	232.26	9.69	14.53	14.35	15.27	0.002884	3.82	60.84	31.88	0.88
RIO ABAJO COMPLE	4560	70% Q ACT	232.26	10.05	14.71		15.14	0.001138	2.91	79.92	31.78	0.59
RIO ABAJO COMPLE	4540	70% Q ACT	232.26	10.04	14.81		15.08	0.000624	2.29	101.36	38.26	0.45
RIO ABAJO COMPLE	4520	70% Q ACT	232.26	10.18	14.84		15.05	0.000543	2.05	113.31	46.10	0.42
RIO ABAJO COMPLE	4500	70% Q ACT	232.26	9.23	14.81		15.04	0.000600	2.10	110.47	45.93	0.43
RIO ABAJO COMPLE	4480	70% Q ACT	232.26	9.60	14.71		15.02	0.000666	2.46	94.29	32.53	0.46
RIO ABAJO COMPLE	4460	70% Q ACT	232.26	9.65	14.71		15.00	0.000824	2.38	97.67	42.33	0.50
RIO ABAJO COMPLE	4440	70% Q ACT	232.26	9.57	14.45		14.96	0.001124	3.16	76.72	37.36	0.60
RIO ABAJO COMPLE	4420	70% Q ACT	232.26	9.72	14.53		14.89	0.000985	2.68	86.57	35.64	0.55
RIO ABAJO COMPLE	4400	70% Q ACT	232.26	9.81	14.60		14.84	0.000532	2.15	108.25	40.00	0.42
RIO ABAJO COMPLE	4380	70% Q ACT	232.26	9.66	14.51		14.82	0.000852	2.45	94.62	40.00	0.51
RIO ABAJO COMPLE	4360	70% Q ACT	232.26	9.51	14.51		14.80	0.000725	2.35	98.87	40.00	0.48
RIO ABAJO COMPLE	4340	70% Q ACT	232.26	9.61	14.30		14.76	0.001186	3.01	77.15	30.82	0.61
RIO ABAJO COMPLE	4320	70% Q ACT	232.26	9.83	14.19		14.73	0.001297	3.25	71.49	27.15	0.64
RIO ABAJO COMPLE	4300	70% Q ACT	232.26	9.67	14.26		14.66	0.001320	2.81	82.77	40.00	0.62
RIO ABAJO COMPLE	4280	70% Q ACT	232.26	9.44	13.74		14.58	0.001883	4.06	57.22	19.76	0.76
RIO ABAJO COMPLE	4260	70% Q ACT	232.26	9.03	13.18	13.14	14.49	0.003297	5.06	45.86	17.10	0.99
RIO ABAJO COMPLE	4240	70% Q ACT	232.26	9.34	13.48		14.29	0.001842	3.97	58.54	21.03	0.76
RIO ABAJO COMPLE	4220	70% Q ACT	232.26	9.25	13.86		14.10	0.000501	2.15	108.27	38.87	0.41
RIO ABAJO COMPLE	4200	70% Q ACT	232.26	8.87	13.48		14.05	0.001853	3.33	69.69	33.52	0.74
RIO ABAJO COMPLE	4180	70% Q ACT	232.26	9.15	13.59		13.96	0.000909	2.70	86.06	33.37	0.54
RIO ABAJO COMPLE	4160	70% Q ACT	232.26	9.51	13.62		13.93	0.000658	2.46	94.25	31.48	0.45
RIO ABAJO COMPLE	4140	70% Q ACT	232.26	8.88	13.64		13.90	0.000603	2.28	101.71	36.13	0.43
RIO ABAJO COMPLE	4120	70% Q ACT	232.26	8.80	13.40		13.87	0.000887	3.08	80.46	33.62	0.54
RIO ABAJO COMPLE	4100	70% Q ACT	232.26	9.08	13.54		13.79	0.000467	2.21	105.23	31.86	0.39
RIO ABAJO COMPLE	4080	70% Q ACT	232.26	8.97	13.43		13.77	0.000705	2.59	89.76	29.36	0.47
RIO ABAJO COMPLE	4060	70% Q ACT	232.26	8.75	13.25		13.74	0.001249	3.10	74.95	29.28	0.62
RIO ABAJO COMPLE	4040	70% Q ACT	232.26	8.79	13.34		13.66	0.000918	2.51	92.64	40.00	0.53
RIO ABAJO COMPLE	4020	70% Q ACT	232.26	8.20	13.01		13.61	0.001475	3.44	67.47	24.33	0.66
RIO ABAJO COMPLE	4000	70% Q ACT	232.26	8.46	13.04		13.56	0.001181	3.19	72.72	25.38	0.60
RIO ABAJO COMPLE	3980	70% Q ACT	232.26	8.71	13.06		13.52	0.001049	3.00	77.39	28.00	0.58
RIO ABAJO COMPLE	3960	70% Q ACT	232.26	8.67	13.03		13.50	0.000937	3.05	76.27	24.40	0.55
RIO ABAJO COMPLE	3943.94	70% Q ACT	232.26	8.78	13.15	11.75	13.43	0.000622	2.34	99.46	37.22	0.46
RIO ABAJO COMPLE	3935	Bridge										
RIO ABAJO COMPLE	3930.07	70% Q ACT	232.26	8.63	13.10		13.34	0.000494	2.16	107.40	37.81	0.41
RIO ABAJO COMPLE	3900	70% Q ACT	232.26	8.22	12.82		13.30	0.001060	3.05	76.03	26.70	0.58
RIO ABAJO COMPLE	3880	70% Q ACT	232.26	7.84	12.55		13.25	0.001530	3.70	62.73	20.91	0.68
RIO ABAJO COMPLE	3860	70% Q ACT	232.26	8.28	12.67		13.16	0.001309	3.11	74.75	30.18	0.63
RIO ABAJO COMPLE	3840	70% Q ACT	232.26	8.12	12.69		13.12	0.001085	2.91	79.84	31.22	0.58
RIO ABAJO COMPLE	3820	70% Q ACT	232.26	8.03	12.58		13.09	0.000964	3.16	73.43	22.43	0.56
RIO ABAJO COMPLE	3800	70% Q ACT	232.26	7.86	12.69		13.02	0.000776	2.53	91.63	33.71	0.49
RIO ABAJO COMPLE	3780	70% Q ACT	232.26	7.55	12.41		12.97	0.001123	3.32	69.94	22.11	0.60
RIO ABAJO COMPLE	3760	70% Q ACT	232.26	7.45	12.48		12.92	0.000870	2.95	78.83	25.09	0.53
RIO ABAJO COMPLE	3740	70% Q ACT	232.26	7.32	12.24		12.88	0.001278	3.54	65.64	20.20	0.63
RIO ABAJO COMPLE	3720	70% Q ACT	232.26	7.08	11.83		12.81	0.002243	4.39	52.87	17.10	0.80
RIO ABAJO COMPLE	3700	70% Q ACT	232.26	7.55	12.27		12.59	0.000552	2.49	93.24	27.14	0.43
RIO ABAJO COMPLE	3680	70% Q ACT	232.26	7.47	12.11		12.56	0.001013	2.98	78.00	28.21	0.57
RIO ABAJO COMPLE	3660	70% Q ACT	232.26	7.65	12.05		12.54	0.001064	3.09	75.11	26.09	0.58
RIO ABAJO COMPLE	3640	70% Q ACT	232.26	7.28	11.92		12.51	0.001144	3.39	68.56	21.03	0.60
RIO ABAJO COMPLE	3620	70% Q ACT	232.26	7.57	11.90		12.48	0.001155	3.39	68.61	21.54	0.61
RIO ABAJO COMPLE	3600	70% Q ACT	232.26	7.30	12.00		12.41	0.000787	2.86	81.33	25.39	0.51
RIO ABAJO COMPLE	3580	70% Q ACT	232.26	7.36	12.02		12.38	0.000728	2.68	86.78	28.62	0.49
RIO ABAJO COMPLE	3560	70% Q ACT	232.26	7.04	12.02		12.36	0.001032	2.57	90.35	37.52	0.53
RIO ABAJO COMPLE	3540	70% Q ACT	232.26	6.78	12.00		12.34	0.000985	2.58	89.95	38.53	0.54
RIO ABAJO COMPLE	3520	70% Q ACT	232.26	7.16	12.01		12.31	0.000710	2.39	97.07	36.38	0.47
RIO ABAJO COMPLE	3500	70% Q ACT	232.26	7.24	12.02		12.28	0.000657	2.27	102.41	40.00	0.45
RIO ABAJO COMPLE	3480	70% Q ACT	232.26	7.21	12.01		12.27	0.000647	2.28	102.06	38.99	0.45
RIO ABAJO COMPLE	3460	70% Q ACT	232.26	6.53	11.98		12.26	0.000570	2.33	99.55	31.48	0.42
RIO ABAJO COMPLE	3440	70% Q ACT	271.18	7.03	11.90		12.24	0.000801	2.56	105.90	40.00	0.50
RIO ABAJO COMPLE	3420	70% Q ACT	271.18	6.78	11.81		12.21	0.000809	2.80	96.71	30.35	0.50
RIO ABAJO COMPLE	3400	70% Q ACT	271.18	6.87	11.70		12.18	0.001391	3.09	87.76	38.19	0.65
RIO ABAJO COMPLE	3380	70% Q ACT	271.18	6.72	11.72		12.14	0.001171	2.84	95.56	40.00	0.59
RIO ABAJO COMPLE	3360	70% Q ACT	271.18	6.15	11.69		12.11	0.000889	2.88	94.08	29.64	0.52
RIO ABAJO COMPLE	3340	70% Q ACT	271.18	6.68	11.51		12.08	0.001288	3.32	81.57	29.32	0.64
RIO ABAJO COMPLE	3320	70% Q ACT	271.18	6.90	11.51		12.04	0.001271	3.24	83.63	30.79	0.63
RIO ABAJO COMPLE	3300	70% Q ACT	271.18	6.91	11.42		12.01	0.001498	3.40	79.73	30.20	0.67
RIO ABAJO COMPLE	3280	70% Q ACT	271.18	6.90	11.40		11.98	0.001363	3.36	80.66	29.25	0.65

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT (Continued)

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
RIO ABAJO COMPLE	3260	70% Q ACT	271.18	5.88	11.31		11.94	0.001469	3.53	76.73	26.22	0.66
RIO ABAJO COMPLE	3240	70% Q ACT	271.18	6.55	11.39		11.87	0.001021	3.07	88.28	29.98	0.57
RIO ABAJO COMPLE	3220	70% Q ACT	271.18	6.60	11.41		11.84	0.000791	2.90	93.48	28.56	0.51
RIO ABAJO COMPLE	3200	70% Q ACT	271.18	6.63	11.47		11.79	0.000691	2.49	109.06	38.44	0.47
RIO ABAJO COMPLE	3180	70% Q ACT	271.18	6.76	11.48		11.77	0.000627	2.36	115.03	40.00	0.44
RIO ABAJO COMPLE	3160	70% Q ACT	271.18	6.57	11.36		11.74	0.000769	2.73	99.45	33.11	0.50
RIO ABAJO COMPLE	3140	70% Q ACT	271.18	6.03	11.06		11.70	0.001122	3.57	78.09	26.71	0.60
RIO ABAJO COMPLE	3120	70% Q ACT	271.18	6.01	11.06		11.66	0.001994	3.42	79.20	37.88	0.76
RIO ABAJO COMPLE	3100	70% Q ACT	271.18	6.26	11.19		11.56	0.000980	2.70	100.58	40.00	0.54
RIO ABAJO COMPLE	3080	70% Q ACT	271.18	6.36	11.18		11.53	0.000879	2.62	103.64	40.00	0.52
RIO ABAJO COMPLE	3060	70% Q ACT	271.18	5.99	11.25		11.49	0.000465	2.13	127.24	40.00	0.38
RIO ABAJO COMPLE	3040	70% Q ACT	271.18	6.13	11.23		11.48	0.000426	2.23	127.03	48.84	0.39
RIO ABAJO COMPLE	3020	70% Q ACT	271.18	6.12	10.78		11.42	0.001154	3.56	76.23	21.39	0.60
RIO ABAJO COMPLE	3000	70% Q ACT	271.18	6.00	10.69		11.39	0.001306	3.70	73.38	26.30	0.64
RIO ABAJO COMPLE	2980	70% Q ACT	271.18	6.21	10.74		11.34	0.001079	3.47	82.15	34.84	0.60
RIO ABAJO COMPLE	2960	70% Q ACT	271.18	6.05	10.86		11.26	0.000950	2.82	96.20	35.42	0.55
RIO ABAJO COMPLE	2940	70% Q ACT	271.18	5.93	10.38		11.19	0.001794	4.00	67.72	23.65	0.76
RIO ABAJO COMPLE	2924.76	70% Q ACT	271.18	5.79	10.61	9.40	11.07	0.000911	3.00	90.47	30.16	0.55
RIO ABAJO COMPLE	2910	Bridge										
RIO ABAJO COMPLE	2900	70% Q ACT	271.18	5.53	10.62		11.03	0.000821	2.86	94.67	30.62	0.52
RIO ABAJO COMPLE	2880	70% Q ACT	271.18	5.51	10.44		11.00	0.001203	3.31	81.83	27.62	0.61
RIO ABAJO COMPLE	2860	70% Q ACT	271.18	5.77	10.46		10.95	0.001508	3.09	87.86	39.27	0.66
RIO ABAJO COMPLE	2840	70% Q ACT	271.18	5.81	10.45		10.92	0.001356	3.03	89.54	39.00	0.64
RIO ABAJO COMPLE	2820	70% Q ACT	271.18	5.87	10.42		10.89	0.001420	3.03	89.52	40.39	0.65
RIO ABAJO COMPLE	2800	70% Q ACT	271.18	5.42	10.59		10.79	0.000499	2.02	134.23	50.00	0.39
RIO ABAJO COMPLE	2780	70% Q ACT	271.18	5.14	10.57		10.78	0.000520	2.05	132.46	50.00	0.40
RIO ABAJO COMPLE	2760	70% Q ACT	271.18	5.00	10.56		10.77	0.000504	2.02	134.51	50.00	0.39
RIO ABAJO COMPLE	2740	70% Q ACT	271.18	4.82	10.56		10.76	0.000451	1.96	138.25	50.00	0.38
RIO ABAJO COMPLE	2720	70% Q ACT	271.18	5.65	10.49		10.74	0.000580	2.22	122.40	45.74	0.43
RIO ABAJO COMPLE	2700	70% Q ACT	271.18	5.27	10.27		10.71	0.001108	2.92	92.86	35.95	0.58
RIO ABAJO COMPLE	2680	70% Q ACT	271.18	5.32	10.34		10.65	0.000655	2.47	109.68	37.84	0.46
RIO ABAJO COMPLE	2660	70% Q ACT	271.18	4.67	10.15		10.62	0.001078	3.04	89.16	32.01	0.58
RIO ABAJO COMPLE	2640	70% Q ACT	271.18	4.93	10.08		10.60	0.001037	3.17	85.46	27.26	0.57
RIO ABAJO COMPLE	2620	70% Q ACT	271.18	5.16	10.11		10.55	0.001113	2.93	92.41	35.69	0.58
RIO ABAJO COMPLE	2600	70% Q ACT	271.18	5.33	10.15		10.51	0.000851	2.66	101.97	37.94	0.52
RIO ABAJO COMPLE	2580	70% Q ACT	271.18	5.02	10.11		10.49	0.000886	2.77	102.55	47.04	0.54
RIO ABAJO COMPLE	2560	70% Q ACT	271.18	4.61	10.04		10.47	0.001056	2.89	93.79	36.49	0.58
RIO ABAJO COMPLE	2540	70% Q ACT	271.18	4.77	10.03		10.44	0.000989	2.86	94.85	35.01	0.55
RIO ABAJO COMPLE	2520	70% Q ACT	271.18	4.83	10.06		10.40	0.000755	2.57	105.42	37.89	0.49
RIO ABAJO COMPLE	2500	70% Q ACT	271.18	4.76	10.07		10.38	0.000701	2.43	111.40	41.46	0.47
RIO ABAJO COMPLE	2480	70% Q ACT	271.18	4.50	10.06		10.36	0.000743	2.42	112.08	43.78	0.48
RIO ABAJO COMPLE	2460	70% Q ACT	271.18	4.82	9.98		10.34	0.001190	2.63	103.19	50.00	0.58
RIO ABAJO COMPLE	2440	70% Q ACT	271.18	4.51	10.01		10.30	0.000881	2.38	114.06	50.00	0.50
RIO ABAJO COMPLE	2420	70% Q ACT	271.18	4.36	9.79		10.26	0.001266	3.04	89.23	36.52	0.62
RIO ABAJO COMPLE	2400	70% Q ACT	271.18	4.28	9.83		10.21	0.000601	2.84	106.10	40.19	0.46
RIO ABAJO COMPLE	2380	70% Q ACT	271.18	4.21	9.89		10.17	0.000667	2.33	119.58	57.18	0.46
RIO ABAJO COMPLE	2360	70% Q ACT	271.18	4.09	9.96		10.12	0.000409	1.77	153.49	59.08	0.35
RIO ABAJO COMPLE	2340	70% Q ACT	271.18	4.11	9.62		10.08	0.000819	3.01	90.12	26.35	0.52
RIO ABAJO COMPLE	2320	70% Q ACT	271.18	3.66	9.73		10.02	0.000553	2.36	114.69	36.70	0.43
RIO ABAJO COMPLE	2300	70% Q ACT	271.18	4.05	8.84		9.92	0.002365	4.60	58.99	18.60	0.82
RIO ABAJO COMPLE	2280	70% Q ACT	271.18	3.82	8.94		9.81	0.002299	4.14	65.49	24.38	0.81
RIO ABAJO COMPLE	2260	70% Q ACT	271.18	4.13	8.96		9.73	0.002353	3.89	69.64	29.29	0.81
RIO ABAJO COMPLE	2240	70% Q ACT	271.18	4.15	9.14		9.59	0.001827	2.97	91.29	50.00	0.70
RIO ABAJO COMPLE	2220	70% Q ACT	271.18	3.94	9.27		9.51	0.000669	2.18	124.66	50.00	0.44
RIO ABAJO COMPLE	2200	70% Q ACT	271.18	3.89	9.16		9.49	0.001063	2.52	107.57	50.00	0.55
RIO ABAJO COMPLE	2180	70% Q ACT	271.18	3.91	9.07		9.46	0.001394	2.73	99.18	50.00	0.62
RIO ABAJO COMPLE	2160	70% Q ACT	271.18	3.80	9.09		9.41	0.000993	2.51	108.14	50.00	0.54
RIO ABAJO COMPLE	2140	70% Q ACT	271.18	3.47	8.79	8.12	9.36	0.002237	3.35	80.99	44.59	0.79
RIO ABAJO COMPLE	2120	70% Q ACT	271.18	3.81	8.26	8.14	9.26	0.003123	4.44	61.04	27.04	0.94
RIO ABAJO COMPLE	2100	70% Q ACT	271.18	3.92	8.44	7.62	9.12	0.001478	3.66	74.04	25.48	0.69
RIO ABAJO COMPLE	2090	Bridge										
RIO ABAJO COMPLE	2070	70% Q ACT	271.18	3.93	8.41		9.07	0.001346	3.59	75.48	24.87	0.66
RIO ABAJO COMPLE	2060	70% Q ACT	271.18	4.04	8.48		9.02	0.001107	3.25	83.53	25.75	0.58
RIO ABAJO COMPLE	2040	70% Q ACT	271.18	4.07	8.35		8.99	0.001302	3.53	76.80	25.22	0.65
RIO ABAJO COMPLE	2020	70% Q ACT	271.18	3.00	8.39		8.94	0.001017	3.30	82.19	23.69	0.57
RIO ABAJO COMPLE	2000	70% Q ACT	271.18	3.26	8.60		8.83	0.000387	2.13	127.48	34.84	0.36
RIO ABAJO COMPLE	1980	70% Q ACT	271.18	3.78	8.37		8.80	0.000737	2.99	98.10	36.53	0.50
RIO ABAJO COMPLE	1960	70% Q ACT	271.18	3.68	8.48		8.73	0.000546	2.24	121.19	41.42	0.42
RIO ABAJO COMPLE	1940	70% Q ACT	271.18	3.38	8.03		8.68	0.001408	3.57	77.27	33.66	0.66
RIO ABAJO COMPLE	1920	70% Q ACT	271.18	3.45	7.95		8.64	0.001450	3.84	78.72	35.85	0.67
RIO ABAJO COMPLE	1900	70% Q ACT	271.18	3.24	8.07		8.55	0.001302	3.09	87.83	34.17	0.61
RIO ABAJO COMPLE	1880	70% Q ACT	271.18	3.15	8.09		8.51	0.001092	2.89	93.77	35.38	0.57
RIO ABAJO COMPLE	1860	70% Q ACT	271.18	3.34	8.09		8.48	0.001288	2.76	98.38	47.61	0.61
RIO ABAJO COMPLE	1840	70% Q ACT	271.18	3.19	8.00		8.44	0.001577	2.93	92.54	47.38	0.67
RIO ABAJO COMPLE	1820	70% Q ACT	271.18	3.14	8.02		8.40	0.001122	2.72	99.64	43.97	0.58
RIO ABAJO COMPLE	1800	70% Q ACT	271.18	3.21	8.02		8.37	0.000912	2.62	103.41	40.79	0.53
RIO ABAJO COMPLE	1780	70% Q ACT	271.18	3.14	8.02		8.34	0.000891	2.52	107.59	44.70	0.52
RIO ABAJO COMPLE	1760	70% Q ACT	271.18	2.91	8.02		8.32	0.000914	2.43	111.38	50.00	0.52
RIO ABAJO COMPLE	1740	70% Q ACT	271.18	2.61	7.98		8.30	0.001018	2.51	107.98	50.00	0.55
RIO ABAJO COMPLE	1720	70% Q ACT	271.18	2.98	7.80		8.26	0.001781	2.99	90.70	50.00	0.71
RIO ABAJO COMPLE	1700	70% Q ACT	271.18	2.64	7.80		8.21	0.001484	2.83	95.90	50.00	0.65
RIO ABAJO COMPLE	1680	70% Q ACT	271.18	2.74	7.80		8.17	0.001248	2.69	100.78	50.00	0.61
RIO ABAJO COMPLE	1660	70% Q ACT	271.18	2.93	7.79		8.14	0.001190	2.64	102.66	50.00	0.59
RIO ABAJO COMPLE	1640	70% Q ACT	271.18	2.92	7.83		8.10	0.000696	2.30	118.09	47.24	0.46

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT (Continued)

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
RIO ABAJO COMPLE	1620	70% Q ACT	271.18	2.74	7.83		8.08	0.000655	2.23	121.63	47.58	0.45
RIO ABAJO COMPLE	1600	70% Q ACT	271.18	2.83	7.80		8.07	0.000731	2.28	119.10	50.00	0.47
RIO ABAJO COMPLE	1580	70% Q ACT	271.18	2.99	7.70		8.04	0.000797	2.58	105.09	38.70	0.50
RIO ABAJO COMPLE	1560	70% Q ACT	271.18	2.93	7.59		8.02	0.001130	2.89	93.86	38.53	0.59
RIO ABAJO COMPLE	1540	70% Q ACT	271.18	2.88	7.61		7.98	0.000936	2.70	100.53	40.35	0.55
RIO ABAJO COMPLE	1520	70% Q ACT	271.18	2.72	7.66		7.93	0.000737	2.30	117.98	50.00	0.48
RIO ABAJO COMPLE	1500	70% Q ACT	271.18	2.51	7.59		7.91	0.000825	2.49	108.73	43.66	0.50
RIO ABAJO COMPLE	1480	70% Q ACT	271.18	2.36	7.57		7.89	0.000716	2.52	107.57	37.14	0.47
RIO ABAJO COMPLE	1460	70% Q ACT	271.18	2.56	7.59		7.86	0.000698	2.31	117.21	46.54	0.47
RIO ABAJO COMPLE	1440	70% Q ACT	271.18	2.47	7.49		7.84	0.001100	2.62	103.52	47.18	0.56
RIO ABAJO COMPLE	1420	70% Q ACT	271.18	2.44	7.47		7.81	0.001131	2.58	104.94	50.00	0.57
RIO ABAJO COMPLE	1400	70% Q ACT	271.18	2.28	7.28		7.77	0.001763	3.09	87.63	44.16	0.70
RIO ABAJO COMPLE	1380	70% Q ACT	271.18	2.21	7.34		7.71	0.001015	2.67	101.60	41.63	0.55
RIO ABAJO COMPLE	1360	70% Q ACT	271.18	2.12	7.26		7.68	0.001381	2.86	94.68	44.28	0.63
RIO ABAJO COMPLE	1340	70% Q ACT	271.18	1.95	7.32		7.62	0.000932	2.45	110.58	50.00	0.53
RIO ABAJO COMPLE	1320	70% Q ACT	271.18	2.05	7.32		7.60	0.000820	2.34	115.76	50.00	0.49
RIO ABAJO COMPLE	1300	70% Q ACT	271.18	1.98	7.30		7.58	0.000812	2.34	115.66	50.00	0.49
RIO ABAJO COMPLE	1280	70% Q ACT	271.18	1.93	7.34		7.55	0.000504	2.03	133.53	50.00	0.40
RIO ABAJO COMPLE	1260	70% Q ACT	271.18	1.83	7.29		7.53	0.000646	2.17	124.73	50.00	0.44
RIO ABAJO COMPLE	1240	70% Q ACT	271.18	1.70	7.29		7.51	0.000550	2.09	129.95	50.00	0.41
RIO ABAJO COMPLE	1220	70% Q ACT	271.18	1.91	7.28		7.50	0.000554	2.09	129.66	50.00	0.41
RIO ABAJO COMPLE	1200	70% Q ACT	271.18	1.84	7.25		7.49	0.000658	2.19	123.86	50.00	0.44
RIO ABAJO COMPLE	1180	70% Q ACT	271.18	1.86	7.24		7.47	0.000587	2.11	128.31	50.00	0.42
RIO ABAJO COMPLE	1160	70% Q ACT	271.18	1.73	7.25		7.45	0.000494	1.98	136.72	50.00	0.38
RIO ABAJO COMPLE	1140	70% Q ACT	308.28	1.72	7.24		7.44	0.000432	2.02	152.77	48.96	0.36
RIO ABAJO COMPLE	1120	70% Q ACT	308.28	1.68	7.20		7.43	0.000502	2.12	145.57	49.32	0.39
RIO ABAJO COMPLE	1100	70% Q ACT	308.28	1.21	7.16		7.42	0.000618	2.24	137.92	50.00	0.43
RIO ABAJO COMPLE	1080	70% Q ACT	308.28	1.81	7.15		7.41	0.000545	2.22	139.11	48.42	0.42
RIO ABAJO COMPLE	1060	70% Q ACT	308.28	1.83	7.09		7.39	0.000618	2.43	126.81	40.95	0.44
RIO ABAJO COMPLE	1040	70% Q ACT	308.28	1.88	7.02		7.37	0.000582	2.74	122.06	38.33	0.44
RIO ABAJO COMPLE	1020	70% Q ACT	308.28	1.84	7.03		7.35	0.000452	2.68	130.81	39.52	0.40
RIO ABAJO COMPLE	1000	70% Q ACT	308.28	1.90	7.10	5.13	7.31	0.000385	2.02	152.93	49.52	0.36
RIO ABAJO COMPLE	985	Bridge										
RIO ABAJO COMPLE	970	70% Q ACT	308.28	1.94	7.02		7.28	0.000508	2.27	136.06	45.93	0.42
RIO ABAJO COMPLE	960	70% Q ACT	308.28	1.91	6.90		7.26	0.000875	2.68	115.16	44.37	0.53
RIO ABAJO COMPLE	940	70% Q ACT	308.28	1.76	6.73		7.23	0.001372	3.13	98.46	41.22	0.65
RIO ABAJO COMPLE	920	70% Q ACT	308.28	1.72	6.67		7.20	0.001533	3.21	95.95	41.99	0.68
RIO ABAJO COMPLE	900	70% Q ACT	308.28	1.67	6.64		7.17	0.001634	3.21	95.95	44.04	0.70
RIO ABAJO COMPLE	880	70% Q ACT	308.28	1.64	6.63		7.13	0.001445	3.14	98.32	42.35	0.66
RIO ABAJO COMPLE	860	70% Q ACT	308.28	1.28	6.78		7.04	0.000365	2.38	145.43	51.69	0.37
RIO ABAJO COMPLE	840	70% Q ACT	308.28	1.28	6.66		7.03	0.000551	2.89	127.29	49.94	0.44
RIO ABAJO COMPLE	820	70% Q ACT	308.28	1.10	6.74		6.97	0.000512	2.13	144.62	50.00	0.40
RIO ABAJO COMPLE	800	70% Q ACT	308.28	1.16	6.73		6.96	0.000525	2.13	144.49	50.00	0.40
RIO ABAJO COMPLE	780	70% Q ACT	308.28	1.30	6.72		6.95	0.000515	2.12	145.13	50.00	0.40
RIO ABAJO COMPLE	760	70% Q ACT	308.28	1.43	6.60		6.93	0.000960	2.55	126.66	50.00	0.53
RIO ABAJO COMPLE	740	70% Q ACT	308.28	1.55	6.62		6.89	0.000679	2.32	132.88	50.00	0.45
RIO ABAJO COMPLE	720	70% Q ACT	308.28	1.46	6.57		6.88	0.000801	2.44	126.18	50.00	0.49
RIO ABAJO COMPLE	700	70% Q ACT	308.28	1.52	6.60		6.85	0.000576	2.21	139.21	50.00	0.42
RIO ABAJO COMPLE	680	70% Q ACT	308.28	1.49	6.61		6.83	0.000442	2.04	151.17	50.00	0.37
RIO ABAJO COMPLE	660	70% Q ACT	308.28	1.37	6.61		6.81	0.000398	1.98	155.64	50.00	0.36
RIO ABAJO COMPLE	640	70% Q ACT	308.28	1.48	6.62		6.80	0.000317	1.86	166.05	50.00	0.33
RIO ABAJO COMPLE	620	70% Q ACT	308.28	1.46	6.61		6.79	0.000353	1.91	161.18	50.00	0.34
RIO ABAJO COMPLE	600	70% Q ACT	308.28	1.44	6.56		6.78	0.000475	2.09	147.56	50.00	0.39
RIO ABAJO COMPLE	580	70% Q ACT	308.28	1.39	6.56		6.77	0.000433	2.03	152.10	50.00	0.37
RIO ABAJO COMPLE	560	70% Q ACT	308.28	1.43	6.57		6.75	0.000339	1.87	164.46	50.00	0.33
RIO ABAJO COMPLE	530	70% Q ACT	308.28	1.34	6.55	4.90	6.74	0.000380	1.93	159.42	49.33	0.34
RIO ABAJO COMPLE	522	Bridge										
RIO ABAJO COMPLE	517.01	70% Q ACT	308.28	1.38	6.29		6.49	0.000439	2.00	153.80	51.71	0.37
RIO ABAJO COMPLE	510.49	70% Q ACT	308.28	1.28	6.24	4.90	6.48	0.000527	2.17	142.03	48.04	0.40
RIO ABAJO COMPLE	500	Bridge										
RIO ABAJO COMPLE	480	70% Q ACT	308.28	1.59	5.28	5.28	6.14	0.001825	4.34	84.42	50.33	0.74
RIO ABAJO COMPLE	460	70% Q ACT	308.28	1.50	5.34		5.81	0.001601	3.01	102.28	50.00	0.67
RIO ABAJO COMPLE	440	70% Q ACT	308.28	1.33	5.27		5.77	0.001829	3.14	98.18	50.00	0.72
RIO ABAJO COMPLE	420	70% Q ACT	308.28	1.30	5.27		5.72	0.001297	2.99	103.00	41.94	0.61
RIO ABAJO COMPLE	400	70% Q ACT	308.28	1.31	5.27		5.69	0.001176	2.86	107.95	44.34	0.58
RIO ABAJO COMPLE	380	70% Q ACT	308.28	0.78	5.29		5.65	0.000922	2.66	115.73	43.92	0.52
RIO ABAJO COMPLE	360	70% Q ACT	308.28	0.15	5.28		5.63	0.000794	2.63	117.13	40.06	0.49
RIO ABAJO COMPLE	340	70% Q ACT	308.28	0.03	5.24		5.61	0.000882	2.72	113.36	40.28	0.52
RIO ABAJO COMPLE	320	70% Q ACT	308.28	0.05	5.26		5.58	0.000709	2.50	123.18	41.97	0.47
RIO ABAJO COMPLE	300	70% Q ACT	308.28	0.07	5.24		5.56	0.000728	2.52	122.24	42.03	0.47
RIO ABAJO COMPLE	280	70% Q ACT	308.28	0.44	5.23		5.55	0.000702	2.51	122.69	41.29	0.47
RIO ABAJO COMPLE	260	70% Q ACT	308.28	0.73	5.22		5.53	0.000654	2.47	124.94	41.12	0.45
RIO ABAJO COMPLE	240	70% Q ACT	308.28	0.78	5.14		5.51	0.000865	2.69	114.52	40.68	0.51
RIO ABAJO COMPLE	220	70% Q ACT	308.28	0.74	5.09		5.49	0.000999	2.81	109.59	41.25	0.55
RIO ABAJO COMPLE	200	70% Q ACT	308.28	0.32	4.97		5.46	0.001385	3.10	99.59	40.30	0.63
RIO ABAJO COMPLE	180	70% Q ACT	308.28	-0.06	4.65		5.39	0.002615	3.83	80.56	38.99	0.85
RIO ABAJO COMPLE	160	70% Q ACT	308.28	0.30	4.72		5.30	0.001741	3.38	91.14	39.45	0.71
RIO ABAJO COMPLE	140	70% Q ACT	308.28	0.57	4.78		5.24	0.001201	2.99	102.97	40.48	0.60
RIO ABAJO COMPLE	120	70% Q ACT	308.28	0.86	4.76		5.21	0.001144	2.96	104.14	40.56	0.59
RIO ABAJO COMPLE	100	70% Q ACT	308.28	0.36	4.78		5.17	0.000791	2.96	113.97	40.60	0.52
RIO ABAJO COMPLE	80	70% Q ACT	308.28	0.40	4.78		5.16	0.000602	2.76	117.09	40.40	0.47
RIO ABAJO COMPLE	60	70% Q ACT	308.28	0.49	3.79	3.79	5.04	0.003176	4.97	62.09	24.77	1.00
RIO ABAJO COMPLE	40	70% Q ACT	308.28	0.39	3.60	3.60	4.81	0.003249	4.87	63.34	26.53	1.01
RIO ABAJO COMPLE	20	70% Q ACT	308.28	0.29	3.87		4.43	0.001173	3.68	100.70	46.29	0.65

HEC-RAS Plan: CAP MAX River: RIO ABAJO Reach: RIO ABAJO COMPLE Profile: 70% Q ACT (Continued)

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
RIO ABAJO COMPLE	0	70% Q ACT	308.28	0.03	3.88	3.22	4.39	0.001027	3.30	104.61	48.93	0.60