

HEC-RAS Plan: ExPlan River: GEZER2 Reach: Site1

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
Site1	4261.68	PF 1	51.00	136.62	137.32	137.49	137.81	0.060064	3.09	16.49	56.12	1.82
Site1	4261.68	PF 2	20.00	136.62	137.15	137.24	137.45	0.060016	2.45	8.16	39.31	1.72
Site1	4200	PF 1	51.00	131.64	132.18	132.37	132.86	0.111736	3.65	13.98	59.09	2.40
Site1	4200	PF 2	20.00	131.64	132.02	132.16	132.50	0.112175	3.07	6.51	35.78	2.30
Site1	4100	PF 1	51.00	119.64	120.77	121.12	122.02	0.104111	4.95	10.29	25.90	2.51
Site1	4100	PF 2	20.00	119.64	120.34	120.76	121.57	0.105039	4.91	4.07	10.42	2.51
Site1	4000	PF 1	51.00	111.40	112.12	112.44	113.17	0.075115	4.56	11.19	25.14	2.18
Site1	4000	PF 2	20.00	111.40	111.87	112.06	112.49	0.076402	3.48	5.75	19.62	2.05
Site1	3900	PF 1	51.00	106.42	107.05	107.18	107.47	0.042144	2.87	17.75	51.71	1.57
Site1	3900	PF 2	20.00	106.42	106.88	106.94	107.10	0.038505	2.07	9.64	42.80	1.40
Site1	3800	PF 1	51.00	103.04	103.74	103.82	104.07	0.027678	2.51	20.29	52.67	1.29
Site1	3800	PF 2	20.00	103.04	103.50	103.56	103.72	0.029902	2.06	9.69	35.86	1.27
Site1	3700	PF 1	51.00	100.12	100.75	100.83	101.07	0.032512	2.52	20.24	59.13	1.38
Site1	3700	PF 2	20.00	100.12	100.53	100.58	100.74	0.029755	1.99	10.07	39.33	1.25
Site1	3600	PF 1	51.00	98.03	98.81	98.81	99.01	0.016705	2.00	25.50	63.95	1.01
Site1	3600	PF 2	20.00	98.03	98.58	98.57	98.70	0.017317	1.58	12.65	46.35	0.97
Site1	3500	PF 1	51.00	96.13	97.09	97.10	97.37	0.016035	2.34	21.83	42.00	1.03
Site1	3500	PF 2	20.00	96.13	96.79	96.79	96.96	0.017398	1.87	10.70	30.59	1.01
Site1	3400	PF 1	51.00	93.23	95.14	95.01	95.22	0.006666	1.29	39.63	96.27	0.64
Site1	3400	PF 2	20.00	93.23	94.76	94.46	94.87	0.007392	1.50	13.29	27.40	0.69
Site1	3300	PF 1	51.00	92.68	93.97	93.97	94.21	0.016518	2.15	23.69	52.65	1.02
Site1	3300	PF 2	20.00	92.68	93.60	93.60	93.80	0.016378	2.01	9.95	24.31	1.00
Site1	3200	PF 1	51.00	91.45	92.42	92.39	92.63	0.012952	2.00	25.48	52.71	0.92
Site1	3200	PF 2	20.00	91.45	92.14	92.10	92.26	0.013181	1.59	12.61	37.49	0.87
Site1	3100	PF 1	51.00	90.05	91.11	91.08	91.28	0.013852	1.84	27.75	68.64	0.92
Site1	3100	PF 2	20.00	90.05	90.85	90.78	90.97	0.012686	1.52	13.18	40.62	0.85
Site1	3000	PF 1	51.00	88.66	89.57	89.57	89.80	0.015649	2.13	23.94	51.96	1.00
Site1	3000	PF 2	20.00	88.66	89.29	89.29	89.45	0.018479	1.75	11.42	37.68	1.02
Site1	2900	PF 1	51.00	87.26	88.03	87.99	88.21	0.012825	1.90	26.89	59.86	0.90
Site1	2900	PF 2	20.00	87.26	87.76	87.72	87.88	0.013068	1.51	13.24	42.08	0.86
Site1	2800	PF 1	51.00	86.16	87.01		87.11	0.009154	1.42	36.00	96.45	0.74
Site1	2800	PF 2	20.00	86.16	86.73		86.82	0.008675	1.31	15.26	44.13	0.71
Site1	2700	PF 1	51.00	84.89	85.69	85.69	85.81	0.020136	1.52	33.46	144.83	1.01
Site1	2700	PF 2	20.00	84.89	85.44	85.44	85.59	0.018337	1.74	11.50	38.15	1.01
Site1	2568.57	PF 1	51.00	82.52	84.10	83.93	84.19	0.006338	1.30	39.12	89.94	0.63
Site1	2568.57	PF 2	20.00	82.52	83.84	83.68	83.89	0.005019	0.99	20.11	58.22	0.54
Site1	2500	PF 1	51.00	82.71	83.48		83.62	0.011276	1.65	30.89	76.87	0.83
Site1	2500	PF 2	20.00	82.71	83.21	83.19	83.32	0.016117	1.48	13.50	51.68	0.93
Site1	2400	PF 1	51.00	81.90	82.87		82.92	0.004450	1.01	50.66	131.93	0.52
Site1	2400	PF 2	20.00	81.90	82.66		82.69	0.003163	0.72	27.89	93.57	0.42
Site1	2300	PF 1	51.00	81.58	82.46	82.29	82.51	0.003839	0.98	51.87	125.10	0.49
Site1	2300	PF 2	20.00	81.58	82.22		82.26	0.006118	0.84	23.70	102.03	0.56
Site1	2200	PF 1	51.00	80.44	81.78		81.92	0.009493	1.67	30.57	65.66	0.78
Site1	2200	PF 2	20.00	80.44	81.53		81.61	0.006806	1.20	16.68	45.73	0.63
Site1	2100	PF 1	51.00	79.84	81.25		81.30	0.004129	0.93	54.83	151.64	0.49
Site1	2100	PF 2	20.00	79.84	81.08		81.10	0.003627	0.65	30.62	130.72	0.43
Site1	2000	PF 1	51.00	79.68	80.80		80.84	0.004965	0.95	53.51	164.12	0.53
Site1	2000	PF 2	20.00	79.68	80.62		80.64	0.005952	0.75	26.57	133.05	0.54
Site1	1900	PF 1	51.00	79.29	80.34		80.39	0.004208	1.00	50.92	127.98	0.51
Site1	1900	PF 2	20.00	79.29	80.12		80.15	0.004240	0.77	26.06	98.17	0.48
Site1	1800	PF 1	51.00	79.07	79.83		79.90	0.005828	1.14	44.70	118.06	0.59
Site1	1800	PF 2	20.00	79.07	79.65		79.68	0.005182	0.81	24.68	99.78	0.52
Site1	1700	PF 1	51.00	78.29	79.48		79.51	0.002594	0.82	62.24	146.85	0.40
Site1	1700	PF 2	20.00	78.29	79.24		79.26	0.003331	0.67	30.07	117.09	0.42

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Site1	1600	PF 1	51.00	78.00	79.11		79.17	0.004534	1.13	45.00	99.48	0.54
Site1	1600	PF 2	20.00	78.00	78.87		78.91	0.003860	0.82	24.30	76.92	0.47
Site1	1500	PF 1	51.00	77.77	78.68		78.74	0.004139	1.08	47.07	103.94	0.51
Site1	1500	PF 2	20.00	77.77	78.40		78.44	0.005644	0.93	21.41	74.49	0.56
Site1	1400	PF 1	51.00	76.62	77.99		78.14	0.009211	1.68	30.35	63.01	0.77
Site1	1400	PF 2	20.00	76.62	77.75		77.82	0.006812	1.19	16.84	46.83	0.63
Site1	1300	PF 1	51.00	76.00	77.57		77.63	0.002938	1.07	47.63	82.55	0.45
Site1	1300	PF 2	20.00	76.00	77.13		77.19	0.005820	1.10	18.21	50.65	0.58
Site1	1200	PF 1	51.00	75.03	77.01	76.88	77.14	0.009547	1.60	31.81	72.43	0.77
Site1	1200	PF 2	20.00	75.03	76.50	76.18	76.64	0.005013	1.70	11.80	14.97	0.61
Site1	1100	PF 1	51.00	75.12	76.14		76.26	0.008079	1.51	33.75	74.65	0.72
Site1	1100	PF 2	20.00	75.12	75.84		75.93	0.010365	1.31	15.24	50.19	0.76
Site1	1000	PF 1	51.00	73.64	75.49		75.59	0.005553	1.37	37.32	72.21	0.61
Site1	1000	PF 2	20.00	73.64	75.07		75.15	0.005975	1.28	15.59	34.91	0.61
Site1	900	PF 1	51.00	73.85	75.09		75.16	0.003340	1.16	44.11	75.16	0.48
Site1	900	PF 2	20.00	73.85	74.63		74.69	0.003642	1.07	18.74	38.37	0.49
Site1	800	PF 1	51.00	73.15	74.43	74.31	74.63	0.008945	1.98	25.76	40.96	0.80
Site1	800	PF 2	20.00	73.15	73.99	73.89	74.14	0.008814	1.70	11.79	23.37	0.76
Site1	700	PF 1	51.00	72.65	73.66		73.80	0.007460	1.66	30.76	55.68	0.71
Site1	700	PF 2	20.00	72.65	73.34		73.42	0.005701	1.24	16.19	37.22	0.60
Site1	600	PF 1	51.00	71.70	73.18		73.24	0.004008	1.15	44.50	88.02	0.51
Site1	600	PF 2	20.00	71.70	72.94		72.98	0.003367	0.79	25.37	77.24	0.44
Site1	500	PF 1	51.00	71.20	72.62		72.71	0.007228	1.32	38.50	95.21	0.66
Site1	500	PF 2	20.00	71.20	72.27	72.24	72.37	0.013463	1.37	14.60	54.69	0.85
Site1	400	PF 1	51.00	70.08	72.19		72.24	0.003172	1.04	49.18	94.64	0.46
Site1	400	PF 2	20.00	70.08	71.81		71.85	0.002609	0.89	22.38	46.32	0.41
Site1	300	PF 1	51.00	69.83	71.56		71.75	0.008191	1.92	26.50	40.90	0.76
Site1	300	PF 2	20.00	69.83	71.15	71.13	71.31	0.015895	1.77	11.31	32.58	0.96
Site1	200	PF 1	51.00	68.05	70.22	70.22	70.71	0.012714	3.12	16.36	16.56	1.00
Site1	200	PF 2	20.00	68.05	69.52	69.49	69.88	0.012601	2.65	7.55	9.59	0.95
Site1	100	PF 1	51.00	67.07	68.78	68.83	69.38	0.013842	3.41	14.94	14.06	1.06
Site1	100	PF 2	20.00	67.07	68.19	68.19	68.55	0.014069	2.64	7.58	10.70	1.00
Site1	0	PF 1	51.00	65.85	66.68	66.81	67.12	0.040649	2.94	17.34	47.39	1.55
Site1	0	PF 2	20.00	65.85	66.66	66.56	66.74	0.008004	1.25	16.04	46.94	0.68