

HEC-RAS Plan: ExPlan River: GEZER Reach: GEZER

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
GEZER	15501.68	1%	79.00	165.43	166.73	166.73	167.06	0.013823	2.54	31.07	47.10	1.00
GEZER	15501.68	10%	42.00	165.43	166.44	166.44	166.70	0.015084	2.24	18.72	36.56	1.00
GEZER	15400	1%	79.00	164.00	164.96	165.04	165.33	0.021424	2.70	29.27	56.39	1.20
GEZER	15400	10%	42.00	164.00	164.78	164.80	165.01	0.018178	2.14	19.61	47.25	1.06
GEZER	15200	1%	79.00	157.48	159.30	159.51	159.95	0.034345	3.59	22.02	39.18	1.53
GEZER	15200	10%	42.00	157.48	158.88	159.18	159.67	0.041795	3.95	10.63	18.88	1.68
GEZER	15000	1%	79.00	154.15	155.40	155.40	155.68	0.014716	2.34	33.73	60.67	1.00
GEZER	15000	10%	42.00	154.15	155.15	155.15	155.37	0.015946	2.08	20.21	46.20	1.00
GEZER	14800	1%	79.00	150.94	151.84	151.92	152.25	0.020153	2.82	27.97	48.11	1.18
GEZER	14800	10%	42.00	150.94	151.62	151.65	151.89	0.018944	2.30	18.23	40.61	1.10
GEZER	14600	1%	79.00	147.18	148.00	148.03	148.26	0.019342	2.26	35.03	81.88	1.10
GEZER	14600	10%	42.00	147.18	147.86	147.83	148.01	0.013725	1.68	25.01	70.34	0.90
GEZER	14400	1%	79.00	144.21	144.90	144.90	145.12	0.016107	2.07	38.18	88.57	1.01
GEZER	14400	10%	42.00	144.21	144.72	144.72	144.88	0.017919	1.79	23.46	73.23	1.01
GEZER	14200	1%	79.00	140.68	141.50	141.53	141.78	0.017238	2.32	33.99	69.67	1.06
GEZER	14200	10%	42.00	140.68	141.35	141.32	141.51	0.013638	1.75	23.96	62.88	0.91
GEZER	14000	1%	79.00	137.68	138.45	138.45	138.69	0.015648	2.20	35.97	74.63	1.01
GEZER	14000	10%	42.00	137.68	138.25	138.25	138.43	0.017503	1.87	22.43	64.35	1.01
GEZER	13800	1%	79.00	135.06	135.86	135.79	136.03	0.010430	1.83	43.18	86.96	0.83
GEZER	13800	10%	42.00	135.06	135.68	135.61	135.79	0.010167	1.49	28.15	75.53	0.78
GEZER	13600	1%	79.00	132.30	133.25	133.25	133.50	0.015675	2.21	35.79	73.81	1.01
GEZER	13600	10%	42.00	132.30	133.01	133.01	133.21	0.016786	1.99	21.12	53.62	1.01
GEZER	13400	1%	79.00	129.35	130.47	130.39	130.66	0.009846	1.90	41.68	76.19	0.82
GEZER	13400	10%	42.00	129.35	130.26	130.18	130.39	0.009970	1.58	26.54	64.24	0.79
GEZER	13200	1%	79.00	127.37	128.16	128.13	128.36	0.013480	2.00	39.53	84.54	0.93
GEZER	13200	10%	42.00	127.37	127.98	127.94	128.12	0.013001	1.64	25.56	71.31	0.88
GEZER	13000	1%	79.00	123.82	125.26	125.26	125.54	0.014745	2.34	33.75	60.79	1.00
GEZER	13000	10%	42.00	123.82	125.01	125.01	125.23	0.016100	2.07	20.25	46.69	1.01
GEZER	12800	1%	79.00	121.64	122.55	122.49	122.76	0.011521	2.05	38.57	70.65	0.88
GEZER	12800	10%	42.00	121.64	122.34	122.27	122.48	0.010595	1.68	25.05	58.19	0.82
GEZER	12600	1%	79.00	118.99	119.84	119.84	120.10	0.015437	2.26	34.96	68.82	1.01
GEZER	12600	10%	42.00	118.99	119.64	119.64	119.83	0.017016	1.92	21.87	59.10	1.01
GEZER	12400	1%	79.00	116.35	117.36	117.26	117.53	0.009022	1.82	43.41	79.02	0.78
GEZER	12400	10%	42.00	116.35	117.16	117.05	117.27	0.008142	1.45	29.01	68.91	0.71
GEZER	12200	1%	79.00	114.31	114.93	114.93	115.15	0.016293	2.05	38.58	91.70	1.01
GEZER	12200	10%	42.00	114.31	114.76	114.76	114.92	0.018308	1.74	24.15	80.02	1.01
GEZER	12000	1%	79.00	110.30	111.32	111.12	111.40	0.004008	1.21	65.18	118.78	0.52
GEZER	12000	10%	42.00	110.30	111.13	110.97	111.18	0.004367	0.99	42.50	112.17	0.51
GEZER	11800	1%	79.00	108.63	109.79	109.76	110.04	0.013363	2.22	35.62	64.67	0.95
GEZER	11800	10%	42.00	108.63	109.53	109.51	109.73	0.013718	1.97	21.33	47.24	0.94
GEZER	11626.95	1%	79.00	106.97	108.14	107.98	108.32	0.007518	1.85	42.72	66.19	0.73
GEZER	11626.95	10%	42.00	106.97	107.84	107.71	107.98	0.007676	1.64	25.58	48.08	0.72
GEZER	11400	1%	79.00	103.99	105.67	105.67	106.06	0.013536	2.75	28.75	38.10	1.01
GEZER	11400	10%	42.00	103.99	105.30	105.30	105.62	0.014569	2.49	16.84	27.24	1.01
GEZER	11240.52	1%	79.00	102.93	103.93	103.80	104.13	0.008240	1.98	39.81	59.44	0.77
GEZER	11240.52	10%	42.00	102.93	103.70	103.57	103.82	0.007007	1.55	27.16	52.21	0.68
GEZER	10961.99	1%	79.00	100.43	101.29	101.22	101.49	0.011064	1.98	39.86	74.40	0.86
GEZER	10961.99	10%	42.00	100.43	101.04	101.01	101.20	0.013251	1.79	23.48	58.51	0.90
GEZER	10800	1%	79.00	96.84	99.05	99.05	99.53	0.012850	3.07	25.73	27.41	1.01
GEZER	10800	10%	42.00	96.84	98.59	98.59	98.99	0.013792	2.79	15.03	19.37	1.01
GEZER	10600	1%	79.00	95.65	97.47	97.18	97.65	0.005140	1.91	41.35	45.73	0.64
GEZER	10600	10%	42.00	95.65	97.11	96.84	97.24	0.004860	1.59	26.43	36.95	0.60
GEZER	10400	1%	79.00	94.33	95.69	95.69	96.03	0.014142	2.59	30.50	45.68	1.01
GEZER	10400	10%	42.00	94.33	95.38	95.38	95.65	0.014885	2.31	18.15	33.44	1.00

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GEZER	10251.75	1%	79.00	91.40	93.59	93.52	93.87	0.010683	2.32	34.04	48.54	0.88
GEZER	10251.75	10%	42.00	91.40	93.00	93.04	93.42	0.014674	2.88	14.56	18.87	1.05
GEZER	10000	1%	79.00	89.69	91.52		91.77	0.006616	2.21	35.69	38.19	0.73
GEZER	10000	10%	42.00	89.69	91.17	90.92	91.34	0.005424	1.77	23.67	30.43	0.64
GEZER	9800	1%	79.00	89.54	90.34		90.46	0.006179	1.54	51.15	89.65	0.65
GEZER	9800	10%	42.00	89.54	90.15		90.22	0.005466	1.20	34.86	80.89	0.59
GEZER	9600	1%	79.00	87.54	88.47	88.44	88.70	0.013311	2.12	37.28	72.30	0.94
GEZER	9600	10%	42.00	87.54	88.23	88.23	88.42	0.017199	1.94	21.63	57.96	1.01
GEZER	9400	1%	79.00	84.40	86.30		86.57	0.008670	2.30	34.34	42.48	0.82
GEZER	9400	10%	42.00	84.40	85.91	85.72	86.11	0.006876	1.96	21.46	28.40	0.72
GEZER	9200	1%	79.00	84.07	84.90		85.02	0.006577	1.52	51.88	97.31	0.67
GEZER	9200	10%	42.00	84.07	84.71		84.79	0.006009	1.21	34.70	85.83	0.61
GEZER	9000	1%	79.00	82.32	83.10	83.06	83.26	0.012340	1.77	44.69	107.48	0.87
GEZER	9000	10%	42.00	82.32	82.94	82.91	83.05	0.013556	1.46	28.80	99.19	0.86
GEZER	8800	1%	79.00	80.58	81.84	81.60	81.91	0.004102	1.21	65.23	121.10	0.53
GEZER	8800	10%	42.00	80.58	81.62	81.43	81.67	0.004093	1.02	41.33	99.67	0.50
GEZER	8600	1%	79.00	79.36	80.21	80.21	80.47	0.015271	2.25	35.15	69.20	1.01
GEZER	8600	10%	42.00	79.36	79.99	79.99	80.19	0.016884	1.96	21.38	55.53	1.01
GEZER	8400	1%	79.00	77.99	78.98	78.71	79.07	0.003778	1.34	59.00	88.59	0.52
GEZER	8400	10%	42.00	77.99	78.75	78.53	78.81	0.003360	1.05	39.99	79.15	0.47
GEZER	8200	1%	79.00	76.45	77.48	77.48	77.69	0.016108	2.04	38.81	92.20	1.00
GEZER	8200	10%	42.00	76.45	77.31	77.31	77.47	0.019297	1.75	24.06	82.42	1.03
GEZER	8000	1%	79.00	74.79	76.05	75.78	76.13	0.003679	1.23	64.10	106.80	0.51
GEZER	8000	10%	42.00	74.79	75.83	75.59	75.88	0.003292	0.99	42.33	89.85	0.46
GEZER	7800	1%	79.00	73.90	74.55	74.55	74.72	0.017805	1.86	42.46	124.51	1.02
GEZER	7800	10%	42.00	73.90	74.41	74.41	74.54	0.019908	1.59	26.46	107.08	1.02
GEZER	7600	1%	79.00	71.00	73.01	72.54	73.11	0.002742	1.41	55.97	60.91	0.47
GEZER	7600	10%	42.00	71.00	72.69	72.22	72.76	0.002156	1.09	38.42	51.22	0.40
GEZER	7400	1%	79.00	70.99	71.78	71.78	71.98	0.017491	1.94	40.79	111.11	1.02
GEZER	7400	10%	42.00	70.99	71.64	71.64	71.78	0.019507	1.66	25.32	94.47	1.02
GEZER	7200	1%	79.00	69.45	71.48	70.37	71.49	0.000230	0.49	160.26	144.03	0.15
GEZER	7200	10%	42.00	69.45	71.17	70.13	71.18	0.000160	0.36	118.27	132.65	0.12
GEZER	7000	1%	79.00	70.02	71.09	71.09	71.32	0.014315	2.13	37.13	82.50	1.01
GEZER	7000	10%	42.00	70.02	70.85	70.85	71.06	0.014452	2.01	20.90	50.93	1.00
GEZER	6836.33	1%	79.00	67.70	69.22	68.90	69.36	0.003639	1.67	47.23	53.86	0.57
GEZER	6836.33	10%	42.00	67.70	68.95	68.65	69.03	0.002832	1.26	33.39	48.41	0.48
GEZER	6400	1%	79.00	65.46	68.09	67.20	68.19	0.002028	1.44	54.68	37.15	0.38
GEZER	6400	10%	42.00	65.46	67.10	66.80	67.26	0.006206	1.80	23.27	26.27	0.61
GEZER	6000	1%	140.00	62.94	67.00		67.10	0.003296	1.40	99.95	102.88	0.45
GEZER	6000	10%	70.00	62.94	65.86		65.99	0.002293	1.57	44.70	29.26	0.40
GEZER	5800	1%	140.00	62.90	66.59		66.65	0.001573	1.08	129.45	112.94	0.32
GEZER	5800	10%	70.00	62.90	65.61		65.67	0.001048	1.14	61.51	36.37	0.28
GEZER	5600	1%	140.00	63.16	65.99		66.16	0.003922	1.83	76.43	60.01	0.52
GEZER	5600	10%	70.00	63.16	65.12		65.28	0.004382	1.79	39.16	34.59	0.54
GEZER	5400	1%	140.00	61.50	65.52		65.56	0.002127	0.92	151.64	210.66	0.35
GEZER	5400	10%	70.00	61.50	64.57	63.56	64.67	0.002168	1.40	49.84	36.92	0.39
GEZER	5200	1%	140.00	61.57	63.82	63.82	64.60	0.014249	3.92	35.71	22.95	1.00
GEZER	5200	10%	70.00	61.57	63.17	63.17	63.70	0.015818	3.24	21.60	20.18	1.00
GEZER	5000	1%	140.00	59.61	63.67	62.11	63.75	0.001215	1.25	112.24	64.81	0.30
GEZER	5000	10%	70.00	59.61	63.14	61.46	63.18	0.000582	0.84	83.50	50.30	0.21
GEZER	4800	1%	140.00	60.08	63.34	62.66	63.43	0.002222	1.28	109.00	95.39	0.38
GEZER	4800	10%	70.00	60.08	62.96	61.96	63.00	0.001563	0.93	74.99	81.33	0.31
GEZER	4600	1%	140.00	61.05	62.76	62.44	62.83	0.004125	1.14	122.93	205.36	0.47

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GEZER	4600	10%	70.00	61.05	62.48	62.27	62.53	0.003982	0.95	73.94	158.70	0.44
GEZER	4457.07	1%	140.00	59.13	62.40	61.93	62.43	0.001909	0.81	172.82	281.11	0.32
GEZER	4457.07	10%	70.00	59.13	62.19		62.21	0.001381	0.59	118.01	230.69	0.26
GEZER	4316.96	1%	140.00	60.54	61.67	61.67	61.79	0.022064	1.53	91.64	347.09	0.95
GEZER	4316.96	10%	70.00	60.54	61.58	61.58	61.69	0.026130	1.45	48.37	225.68	1.00
GEZER	4000	1%	140.00	57.43	61.00	58.86	61.01	0.000338	0.59	238.09	163.69	0.16
GEZER	4000	10%	70.00	57.43	60.11	58.48	60.12	0.000232	0.54	130.44	77.29	0.13
GEZER	3730.53	1%	140.00	56.37	60.83		60.86	0.001160	0.72	195.05	251.15	0.26
GEZER	3730.53	10%	70.00	56.37	59.97		60.01	0.000821	0.97	71.86	44.57	0.24
GEZER	3547.85	1%	140.00	57.31	60.44		60.52	0.003203	1.28	109.49	126.55	0.44
GEZER	3547.85	10%	70.00	57.31	59.67		59.77	0.002466	1.40	49.99	41.02	0.40
GEZER	3363.44	1%	140.00	56.96	60.08		60.10	0.001582	0.70	203.72	368.66	0.29
GEZER	3363.44	10%	70.00	56.96	59.29		59.37	0.001841	1.23	56.92	45.99	0.35
GEZER	3200	1%	140.00	56.90	59.45		59.61	0.007374	1.74	80.23	109.16	0.65
GEZER	3200	10%	70.00	56.90	58.91		59.02	0.002564	1.43	48.90	40.41	0.42
GEZER	3000	1%	140.00	54.60	58.89	57.57	58.92	0.001815	0.82	171.07	252.99	0.32
GEZER	3000	10%	70.00	54.60	58.59	56.84	58.61	0.001485	0.65	106.95	189.97	0.28
GEZER	2800	1%	140.00	56.63	58.40	58.03	58.45	0.003223	0.99	141.03	240.95	0.41
GEZER	2800	10%	70.00	56.63	58.16	57.79	58.19	0.003163	0.80	87.68	204.82	0.39
GEZER	2600	1%	140.00	56.72	58.03		58.06	0.001255	0.67	208.29	320.11	0.26
GEZER	2600	10%	70.00	56.72	57.76		57.77	0.001447	0.56	124.83	275.66	0.27
GEZER	2400	1%	140.00	55.43	57.08	57.08	57.40	0.018300	2.49	56.33	89.29	1.00
GEZER	2400	10%	70.00	55.43	56.81	56.81	57.03	0.020686	2.07	33.81	77.26	1.00
GEZER	2200	1%	140.00	53.27	56.47	55.89	56.50	0.001355	0.74	190.56	272.44	0.28
GEZER	2200	10%	70.00	53.27	56.20	55.66	56.22	0.001033	0.56	125.48	215.93	0.23
GEZER	2000	1%	140.00	55.00	56.24		56.26	0.001061	0.62	227.04	349.63	0.24
GEZER	2000	10%	70.00	55.00	56.00		56.01	0.001013	0.48	146.91	316.75	0.22
GEZER	1800	1%	140.00	54.86	55.99		56.01	0.001461	0.68	205.74	349.52	0.28
GEZER	1800	10%	70.00	54.86	55.79		55.80	0.001063	0.50	141.08	297.04	0.23
GEZER	1600	1%	140.00	54.59	55.47		55.53	0.004547	1.09	128.14	245.55	0.48
GEZER	1600	10%	70.00	54.59	55.07	55.07	55.21	0.025077	1.60	43.72	169.96	1.01
GEZER	1400	1%	140.00	51.61	54.87		54.95	0.002026	1.20	116.21	104.33	0.36
GEZER	1400	10%	70.00	51.61	54.00	52.94	54.08	0.001324	1.19	58.61	38.52	0.31
GEZER	1200	1%	140.00	50.51	54.64		54.69	0.000851	0.99	141.89	89.54	0.25
GEZER	1200	10%	70.00	50.51	53.86		53.90	0.000589	0.86	81.15	47.38	0.21
GEZER	1000	1%	140.00	50.25	54.54		54.57	0.000419	0.75	187.07	105.19	0.18
GEZER	1000	10%	70.00	50.25	53.79		53.81	0.000293	0.58	119.66	74.39	0.15
GEZER	800	1%	140.00	50.79	54.26		54.38	0.003321	1.49	94.08	88.85	0.46
GEZER	800	10%	70.00	50.79	53.64		53.71	0.000975	1.16	60.23	32.47	0.27
GEZER	600	1%	140.00	51.64	53.75		53.80	0.002392	0.97	144.48	171.49	0.34
GEZER	600	10%	70.00	51.64	53.38		53.41	0.002309	0.81	86.75	131.98	0.32
GEZER	400	1%	140.00	50.84	52.33	52.33	52.68	0.022894	2.62	53.41	77.48	1.01
GEZER	400	10%	70.00	50.84	52.04	52.04	52.28	0.027158	2.17	32.29	70.82	1.02
GEZER	200	1%	140.00	48.77	51.57	50.37	51.59	0.001061	0.72	195.51	198.58	0.23
GEZER	200	10%	70.00	48.77	51.06	49.98	51.08	0.001105	0.63	110.75	139.72	0.23
GEZER	0	1%	140.00	48.89	51.26	50.40	51.31	0.002001	0.99	140.72	140.34	0.32
GEZER	0	10%	70.00	48.89	50.74	49.97	50.79	0.002003	0.90	77.66	89.85	0.31