

HEC-RAS Plan: Plan 02 River: Vadi Asla-2 Reach: Alignment - 1

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
Alignment - 1	1000	100Yr	60.00	38.01	39.35	39.13	39.43	0.003121	1.87	67.76	126.43	0.59
Alignment - 1	1000	10Yr	27.00	38.01	39.04	38.94	39.11	0.003529	1.56	34.68	94.18	0.59
Alignment - 1	900	100Yr	60.00	37.42	38.56	38.56	38.84	0.013612	3.34	31.68	56.82	1.18
Alignment - 1	900	10Yr	27.00	37.42	38.26	38.26	38.45	0.015094	2.65	16.89	41.83	1.16
Alignment - 1	800	100Yr	60.00	36.46	38.05	37.47	38.06	0.000338	0.56	175.53	205.00	0.19
Alignment - 1	800	10Yr	27.00	36.46	37.74	37.34	37.75	0.000384	0.47	97.17	172.90	0.19
Alignment - 1	700	100Yr	60.00	36.06	37.73	37.73	37.94	0.008557	2.94	39.81	73.58	0.95
Alignment - 1	700	10Yr	27.00	36.06	37.47	37.47	37.63	0.007113	2.34	22.35	59.45	0.83
Alignment - 1	600	100Yr	60.00	36.03	37.60	37.51	37.61	0.000573	0.75	134.05	158.76	0.24
Alignment - 1	600	10Yr	27.00	36.03	37.51	37.51	37.51	0.000166	0.38	119.98	156.99	0.13
Alignment - 1	530.37	100Yr	60.00	35.94	37.47	37.19	37.53	0.002931	1.72	84.30	218.69	0.56
Alignment - 1	530.37	10Yr	27.00	35.94	37.20	37.13	37.32	0.005344	1.90	26.82	84.46	0.72
Alignment - 1	400	100Yr	60.00	35.98	36.79	36.71	36.86	0.010947	2.04	52.98	190.09	0.96
Alignment - 1	400	10Yr	27.00	35.98	36.75	36.58	36.77	0.003137	1.06	47.43	186.52	0.51
Alignment - 1	300	100Yr	60.00	35.71	36.66	36.39	36.67	0.000654	0.55	145.51	206.16	0.24
Alignment - 1	300	10Yr	27.00	35.71	36.55	36.25	36.56	0.001406	0.81	55.57	198.36	0.35
Alignment - 1	200	100Yr	60.00	35.36	36.26	36.26	36.47	0.019863	3.11	33.83	78.71	1.34
Alignment - 1	200	10Yr	27.00	35.36	36.09	36.09	36.21	0.017523	2.37	21.04	74.18	1.19
Alignment - 1	0	100Yr	60.00	32.11	36.13	33.81	36.16	0.000196	0.79	82.33	231.50	0.17
Alignment - 1	0	10Yr	27.00	32.11	35.20	33.29	35.22	0.000121	0.56	47.90	64.49	0.13