

**RAS Model Data**

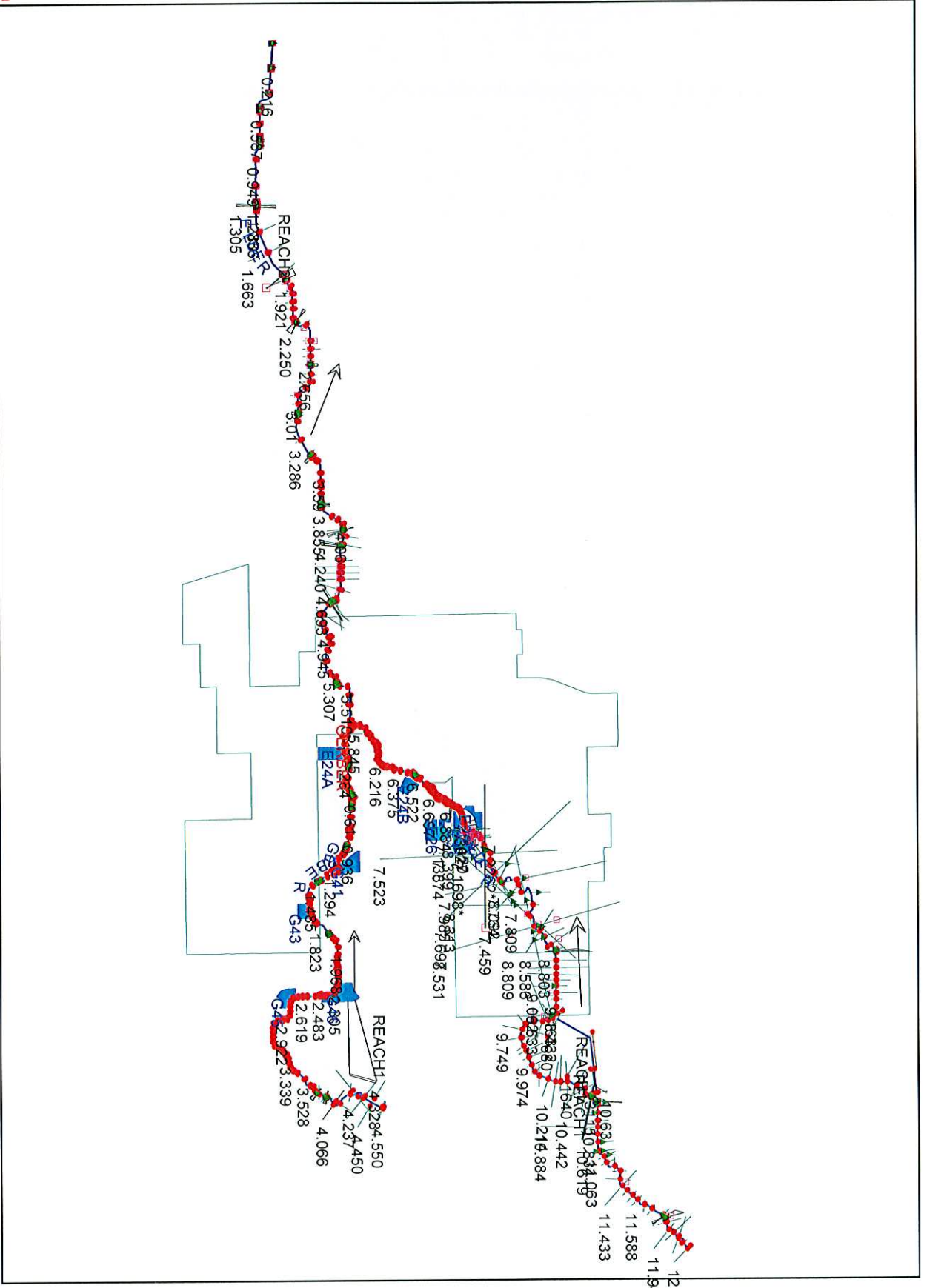
**For**

**Elder and Gerber Creeks – Post without Laguna Spill**

**Model Schematic Layout**

**Input Hydrograph Summary**

**Summary Output Table**



RAS Input Hydrograph Summary

River	Reach	Starts or Location	Ends at Xsect	Type	DSS File	DSS Path
ELDER	REACH1	12.205		Flow Hydrograph	hcalc.dss	/ELDER GE/E1A/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	12.102	11.944	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E1C/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	10.507	7.809	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E2/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	10.272		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/RETE1B/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	9.438		Lateral Inflow Hydrograph	EFG-24HR.dss	/ELDER CRK RD
ELDER	REACH1	7.809		Lateral Inflow Hydrograph	hcalc.dss	REACH1/680/FLOW/01JAN2000/10MIN/EGLOWR100R/
ELDER	REACH1	7.764	7.120	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/CE3E/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	7.697	6.978	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/R4B2H/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	7.057	6.978	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/R4B3/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	6.903	6.774	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/R4B1H/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	6.267	6.070	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/NU3/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH1	11.063		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/ES/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	5.359		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/R-RE1B/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	5.307		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7A/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	4.945		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7B/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	4.642	4.485	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7C/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	4.391	4.240	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7D/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	4.06	3.855	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7E/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	3.286	3.141	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7F/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	3.01	2.794	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7G/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	2.736	2.354	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7H/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	2.219	1.978	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E7I/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	1.280		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E11/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	0.394		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E12/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	REACH2	0.019		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E13/FLOW/01JAN2000/1MIN/100YR-24HR/
ELDER	CRK R	3115		Friction Slope=0.0005	hcalcforinpre.dss	/FLORIN C/R-CF15/FLOW/31DEC1999/1MIN/100YR-24HR/
ELDER	CRK R	680		Flow Hydrograph	hcalc.dss	
GERBER	REACH1	4.550		Friction Slope=0.0015	hcalc.dss	
GERBER	REACH1	3.883	2.581	Flow Hydrograph	hcalc.dss	/ELDER GE/G2A/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	2.360		Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/G2B/FLOW/31DEC1999/1MIN/100YR-24HR/
GERBER	REACH1	2.052		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/RG3A/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	1.823	1.434	Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/G3B/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	1.800		Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/G3A2/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	1.485		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/RG3DB/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	1.343	1.294	Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/RG3DC/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	1.068	0.051	Uniform Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/RS/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	G41		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/RNOLTE/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	E26		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/NOLTE/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	E24B		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E4A/FLOW/31DEC1999/1MIN/100YR-24HR/
GERBER	REACH1	E31		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/NU1/FLOW/31DEC1999/1MIN/100YR-24HR/
GERBER	REACH1	G46		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/E4B31O/FLOW/10JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	E28		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/CG46/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1	G43		Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/CE4B1O/FLOW/01JAN2000/1MIN/100YR-24HR/
GERBER	REACH1			Lateral Inflow Hydrograph	hcalc.dss	/ELDER GE/CG3A1/FLOW/01JAN2000/1MIN/100YR-24HR/

HEC-RAS Profile: Max WS

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
GERBER	REACH1	4.550	NoSpill 10yr	216.66	68.30	70.49		70.52	0.000854	1.46	212.25	274.18	0.21
GERBER	REACH1	4.550	fvcp nospill	372.27	68.30	70.80		70.84	0.001098	1.87	288.44	289.42	0.24
GERBER	REACH1	4.540	NoSpill 10yr	215.82	68.30	70.44		70.47	0.000991	1.54	198.16	271.60	0.22
GERBER	REACH1	4.540	fvcp nospill	370.96	68.30	70.73		70.78	0.001293	1.98	278.96	285.05	0.26
GERBER	REACH1	4.450	NoSpill 10yr	199.12	67.20	70.23		70.23	0.000035	0.36	550.73	265.78	0.04
GERBER	REACH1	4.450	fvcp nospill	350.64	67.20	70.44		70.44	0.000084	0.58	608.64	277.58	0.07
GERBER	REACH1	4.370	NoSpill 10yr	196.14	66.20	70.21		70.21	0.000037	0.47	600.60	1108.10	0.05
GERBER	REACH1	4.370	fvcp nospill	344.41	66.20	70.41		70.41	0.000077	0.70	819.24	1137.80	0.07
GERBER	REACH1	4.328		Lat Struct									
GERBER	REACH1	4.285	NoSpill 10yr	59.54	65.70	70.21		70.21	0.000001	0.06	1154.12	1177.42	0.01
GERBER	REACH1	4.285	fvcp nospill	64.16	65.70	70.39		70.39	0.000001	0.06	1377.58	1188.85	0.01
GERBER	REACH1	4.237	NoSpill 10yr	59.41	65.50	70.20		70.20	0.000013	0.26	299.90	469.61	0.03
GERBER	REACH1	4.237	fvcp nospill	63.84	65.50	70.39		70.39	0.000011	0.24	389.30	474.74	0.03
GERBER	REACH1	4.120	NoSpill 10yr	59.23	65.40	70.20		70.20	0.000011	0.25	271.68	262.39	0.03
GERBER	REACH1	4.120	fvcp nospill	63.45	65.40	70.39		70.39	0.000009	0.24	322.64	272.49	0.02
GERBER	REACH1	4.066	NoSpill 10yr	59.18	65.50	70.20	65.70	70.20	0.000001	0.07	1036.51	333.95	0.01
GERBER	REACH1	4.066	fvcp nospill	63.46	65.50	70.39	65.71	70.39	0.000001	0.07	1100.47	336.97	0.01
GERBER	REACH1	4.064		Inf Struct									
GERBER	REACH1	3.885	NoSpill 10yr	59.18	66.00	70.19		70.19	0.000002	0.13	707.94	249.78	0.01
GERBER	REACH1	3.985	fvcp nospill	63.46	66.00	70.38		70.38	0.000002	0.13	755.93	252.42	0.01
GERBER	REACH1	3.982	NoSpill 10yr	59.17	66.00	70.19		70.19	0.000002	0.13	707.93	249.78	0.01
GERBER	REACH1	3.982	fvcp nospill	63.46	66.00	70.38		70.38	0.000002	0.13	755.93	252.42	0.01
GERBER	REACH1	3.974		Culvert									
GERBER	REACH1	3.967	NoSpill 10yr	59.17	66.00	66.62		66.67	0.004657	1.59	39.60	93.23	0.40
GERBER	REACH1	3.967	fvcp nospill	63.46	66.00	66.66		66.70	0.004258	1.88	43.02	96.46	0.39
GERBER	REACH1	3.912	NoSpill 10yr	59.17	62.80	65.23		65.38	0.004337	3.16	18.71	11.22	0.43
GERBER	REACH1	3.912	fvcp nospill	63.53	62.80	65.30		65.46	0.004466	3.26	19.51	11.42	0.44
GERBER	REACH1	3.893	NoSpill 10yr	59.17	63.30	64.98		65.06	0.002198	2.17	27.25	16.20	0.30
GERBER	REACH1	3.893	fvcp nospill	63.46	63.30	65.05		65.13	0.002246	2.24	28.30	16.20	0.30
GERBER	REACH1	3.888		Culvert									
GERBER	REACH1	3.883	NoSpill 10yr	59.07	63.10	64.18	64.49	65.21	0.133880	8.15	7.25	10.47	1.73
GERBER	REACH1	3.883	fvcp nospill	63.27	63.10	64.23	64.55	65.26	0.128751	8.16	7.75	10.69	1.69
GERBER	REACH1	3.642	NoSpill 10yr	57.40	56.30	58.83		58.84	0.000311	0.70	82.51	40.19	0.09
GERBER	REACH1	3.642	fvcp nospill	61.88	56.30	59.33		59.33	0.000189	0.60	103.21	43.17	0.07
GERBER	REACH1	3.604	NoSpill 10yr	63.19	56.20	58.76		58.77	0.000356	0.75	84.63	41.06	0.09
GERBER	REACH1	3.604	fvcp nospill	71.49	56.20	59.28		59.29	0.000232	0.67	106.87	44.33	0.08
GERBER	REACH1	3.566	NoSpill 10yr	67.53	56.00	58.71		58.72	0.000336	0.75	89.82	41.31	0.09
GERBER	REACH1	3.566	fvcp nospill	78.68	56.00	59.25		59.25	0.000237	0.70	112.85	44.54	0.08
GERBER	REACH1	3.528	NoSpill 10yr	77.71	55.80	58.55		58.56	0.000421	0.85	91.58	41.52	0.10
GERBER	REACH1	3.528	fvcp nospill	95.65	55.80	59.13		59.14	0.000319	0.82	116.45	44.97	0.09
GERBER	REACH1	3.490	NoSpill 10yr	87.74	55.60	58.36		58.37	0.000534	0.96	91.70	41.54	0.11
GERBER	REACH1	3.490	fvcp nospill	112.49	55.60	58.97		58.99	0.000421	0.95	118.47	45.24	0.10
GERBER	REACH1	3.452	NoSpill 10yr	93.29	55.50	58.24		58.25	0.000619	1.03	90.90	41.42	0.12
GERBER	REACH1	3.452	fvcp nospill	121.87	55.50	58.88		58.89	0.000491	1.03	118.65	45.26	0.11
GERBER	REACH1	3.415	NoSpill 10yr	98.72	55.30	58.11		58.13	0.000631	1.05	93.91	41.86	0.12
GERBER	REACH1	3.415	fvcp nospill	131.19	55.30	58.77		58.79	0.000514	1.07	123.02	45.84	0.11
GERBER	REACH1	3.377	NoSpill 10yr	104.06	55.10	57.98		58.00	0.000641	1.07	96.87	42.28	0.13
GERBER	REACH1	3.377	fvcp nospill	140.43	55.10	58.66		58.68	0.000534	1.10	127.24	46.39	0.12
GERBER	REACH1	3.339	NoSpill 10yr	109.40	54.90	57.88		57.89	0.000404	0.80	136.84	66.35	0.10
GERBER	REACH1	3.339	fvcp nospill	149.65	54.90	58.59		58.60	0.000304	0.81	185.60	71.74	0.09
GERBER	REACH1	3.301	NoSpill 10yr	114.72	54.70	57.80		57.81	0.000427	0.83	138.59	66.44	0.10
GERBER	REACH1	3.301	fvcp nospill	158.89	54.70	58.52		58.53	0.000326	0.84	188.85	72.08	0.09
GERBER	REACH1	3.263	NoSpill 10yr	120.04	54.50	57.71		57.72	0.000449	0.85	140.40	66.49	0.10
GERBER	REACH1	3.263	fvcp nospill	168.11	54.50	58.45		58.47	0.000347	0.87	192.13	72.32	0.09

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
GERBER	REACH1	3.225	NoSpill 10yr	125.33	54.40	57.59		57.61	0.000839	1.13	110.51	44.30	0.13
GERBER	REACH1	3.225	fvcp nospill	177.34	54.40	58.35		58.37	0.000581	1.22	145.86	48.89	0.12
GERBER	REACH1	3.187	NoSpill 10yr	130.58	54.20	57.46		57.48	0.000638	1.15	113.75	44.69	0.13
GERBER	REACH1	3.187	fvcp nospill	186.56	54.20	58.23		58.25	0.000695	1.25	149.81	49.30	0.13
GERBER	REACH1	3.149	NoSpill 10yr	135.80	54.00	57.33		57.35	0.000643	1.17	116.50	44.98	0.13
GERBER	REACH1	3.149	fvcp nospill	195.76	54.00	58.10		58.13	0.000615	1.28	153.05	49.61	0.13
GERBER	REACH1	3.112	NoSpill 10yr	140.99	53.80	57.20		57.22	0.000642	1.18	119.64	45.39	0.13
GERBER	REACH1	3.112	fvcp nospill	204.97	53.80	57.97		58.00	0.000632	1.31	156.62	50.04	0.13
GERBER	REACH1	3.074	NoSpill 10yr	146.14	53.70	57.06		57.08	0.000719	1.24	118.00	45.26	0.14
GERBER	REACH1	3.074	fvcp nospill	214.16	53.70	57.83		57.86	0.000714	1.38	154.88	49.93	0.14
GERBER	REACH1	3.036	NoSpill 10yr	151.25	53.50	56.91		56.94	0.000733	1.26	119.73	45.20	0.14
GERBER	REACH1	3.036	fvcp nospill	223.35	53.50	57.68		57.71	0.000749	1.43	156.37	49.76	0.14
GERBER	REACH1	2.998	NoSpill 10yr	156.32	53.30	56.76		56.79	0.000739	1.28	122.13	45.46	0.14
GERBER	REACH1	2.998	fvcp nospill	232.54	53.30	57.53		57.56	0.000780	1.47	158.57	49.85	0.15
GERBER	REACH1	2.960	NoSpill 10yr	161.37	53.10	56.61		56.64	0.000754	1.30	123.92	45.81	0.14
GERBER	REACH1	2.960	fvcp nospill	226.42	53.10	57.38		57.41	0.000704	1.40	160.71	50.12	0.14
GERBER	REACH1	2.922	NoSpill 10yr	166.43	52.90	56.52		56.53	0.000338	0.82	204.01	84.14	0.09
GERBER	REACH1	2.922	fvcp nospill	231.47	52.90	57.30		57.31	0.000276	0.85	272.51	90.77	0.09
GERBER	REACH1	2.884	NoSpill 10yr	171.51	52.80	56.43		56.44	0.000500	1.01	170.18	68.40	0.11
GERBER	REACH1	2.884	fvcp nospill	237.64	52.80	57.22		57.24	0.000417	1.04	227.60	75.59	0.11
GERBER	REACH1	2.846	NoSpill 10yr	176.61	52.60	56.29		56.32	0.000751	1.33	132.31	46.76	0.14
GERBER	REACH1	2.846	fvcp nospill	243.45	52.60	57.10		57.13	0.000678	1.41	172.17	51.54	0.14
GERBER	REACH1	2.808	NoSpill 10yr	181.70	52.40	56.13		56.16	0.000759	1.35	134.51	47.03	0.14
GERBER	REACH1	2.808	fvcp nospill	249.05	52.40	56.96		56.99	0.000673	1.42	175.44	51.92	0.14
GERBER	REACH1	2.771	NoSpill 10yr	186.78	52.20	55.98		56.01	0.000762	1.36	137.17	47.57	0.14
GERBER	REACH1	2.771	fvcp nospill	254.71	52.20	56.83		56.86	0.000663	1.42	179.57	52.62	0.14
GERBER	REACH1	2.744		Lat Struct									
GERBER	REACH1	2.733	NoSpill 10yr	191.88	52.10	55.80		55.84	0.000938	1.51	126.74	43.47	0.16
GERBER	REACH1	2.733	fvcp nospill	213.22	52.10	56.73		56.75	0.000510	1.26	169.05	48.06	0.12
GERBER	REACH1	2.695	NoSpill 10yr	196.97	51.90	55.62		55.65	0.000894	1.46	134.98	47.58	0.15
GERBER	REACH1	2.695	fvcp nospill	267.00	51.90	56.58		56.62	0.000689	1.45	183.73	53.44	0.14
GERBER	REACH1	2.657	NoSpill 10yr	202.04	51.70	55.44		55.48	0.000857	1.42	142.70	51.21	0.15
GERBER	REACH1	2.657	fvcp nospill	272.92	51.70	56.45		56.48	0.000626	1.38	197.96	58.28	0.13
GERBER	REACH1	2.619	NoSpill 10yr	207.10	51.50	55.27		55.30	0.000877	1.44	144.07	51.46	0.15
GERBER	REACH1	2.619	fvcp nospill	278.60	51.50	56.33		56.36	0.000613	1.36	202.51	58.89	0.13
GERBER	REACH1	2.581	NoSpill 10yr	212.09	51.30	55.08	52.53	55.12	0.000948	1.51	140.55	49.35	0.16
GERBER	REACH1	2.581	fvcp nospill	283.36	51.30	56.20	52.77	56.23	0.000632	1.42	199.74	56.55	0.13
GERBER	REACH1	2.535		Bridge									
GERBER	REACH1	2.518	NoSpill 10yr	211.72	50.90	54.83		54.88	0.001554	1.94	109.41	37.69	0.20
GERBER	REACH1	2.518	fvcp nospill	223.78	50.90	56.02		56.06	0.000623	1.41	158.20	43.73	0.13
GERBER	REACH1	2.483	NoSpill 10yr	211.33	50.50	54.67		54.69	0.000507	1.02	207.51	82.99	0.11
GERBER	REACH1	2.483	fvcp nospill	223.70	50.50	55.97		55.98	0.000154	0.69	322.42	93.62	0.07
GERBER	REACH1	2.465	NoSpill 10yr	211.12	50.40	54.63		54.64	0.000467	0.97	216.71	87.29	0.11
GERBER	REACH1	2.465	fvcp nospill	223.61	50.40	55.96		55.97	0.000137	0.66	340.86	98.99	0.06
GERBER	REACH1	2.436	NoSpill 10yr	210.54	50.10	54.55		54.57	0.000470	0.99	211.63	82.80	0.11
GERBER	REACH1	2.436	fvcp nospill	223.43	50.10	55.94		55.94	0.000138	0.67	334.54	94.72	0.06
GERBER	REACH1	2.415	NoSpill 10yr	209.93	49.90	54.50		54.52	0.000446	0.96	218.93	88.89	0.11
GERBER	REACH1	2.415	fvcp nospill	223.21	49.90	55.92		55.93	0.000125	0.64	351.42	99.69	0.06
GERBER	REACH1	2.396	NoSpill 10yr	209.28	49.70	54.46		54.47	0.000417	1.05	198.47	64.94	0.11
GERBER	REACH1	2.396	fvcp nospill	222.95	49.70	55.91		55.92	0.000151	0.74	302.69	79.09	0.07
GERBER	REACH1	2.378		Lat Struct									
GERBER	REACH1	2.360	NoSpill 10yr	207.65	49.30	54.38		54.40	0.000371	1.05	197.86	59.39	0.10
GERBER	REACH1	2.360	fvcp nospill	222.22	49.30	55.88		55.89	0.000143	0.75	295.83	71.45	0.07
GERBER	REACH1	2.332	NoSpill 10yr	344.08	49.00	54.18		54.24	0.001286	2.00	172.09	49.32	0.19
GERBER	REACH1	2.332	fvcp nospill	517.99	49.00	55.69		55.76	0.001010	2.04	253.72	56.62	0.17

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
GERBER	REACH1	2.305	NoSpill 10yr	343.58	48.80	54.05		54.09	0.000951	1.63	210.28	60.41	0.15
GERBER	REACH1	2.305	fvcp nospill	516.60	48.80	55.60		55.64	0.000652	1.65	313.06	72.41	0.14
GERBER	REACH1	2.268	NoSpill 10yr	343.20	48.40	53.90		53.93	0.000750	1.58	217.72	59.94	0.15
GERBER	REACH1	2.268	fvcp nospill	515.51	48.40	55.48		55.52	0.000585	1.60	321.93	71.65	0.13
GERBER	REACH1	2.220	NoSpill 10yr	342.81	47.90	53.67		53.72	0.000933	1.81	189.56	49.10	0.16
GERBER	REACH1	2.220	fvcp nospill	514.38	47.90	55.30		55.35	0.000749	1.86	276.83	58.18	0.15
GERBER	REACH1	2.194	NoSpill 10yr	342.73	47.70	53.58		53.62	0.000587	1.41	243.83	66.30	0.13
GERBER	REACH1	2.194	fvcp nospill	514.16	47.70	55.24		55.27	0.000445	1.41	364.73	80.29	0.12
GERBER	REACH1	2.177	NoSpill 10yr	342.71	47.50	53.55		53.58	0.000333	1.23	278.14	59.15	0.10
GERBER	REACH1	2.177	fvcp nospill	514.10	47.50	55.21		55.24	0.000306	1.35	381.98	66.33	0.10
GERBER	REACH1	2.172	NoSpill 10yr	342.70	47.50	53.55		53.57	0.000262	1.12	304.75	61.80	0.09
GERBER	REACH1	2.172	fvcp nospill	514.10	47.50	55.20		55.23	0.000248	1.25	412.19	67.97	0.09
GERBER	REACH1	2.150	NoSpill 10yr	342.68	47.30	53.52		53.53	0.000373	1.00	341.38	106.99	0.10
GERBER	REACH1	2.150	fvcp nospill	514.08	47.30	55.19		55.20	0.000219	0.98	527.13	115.36	0.08
GERBER	REACH1	2.13	NoSpill 10yr	342.68	47.10	53.43		53.48	0.000708	1.64	208.78	50.93	0.14
GERBER	REACH1	2.13	fvcp nospill	514.04	47.10	55.12		55.16	0.000584	1.70	302.50	60.48	0.13
GERBER	REACH1	2.116	NoSpill 10yr	342.68	46.90	53.35		53.41	0.000985	2.00	171.24	38.09	0.17
GERBER	REACH1	2.116	fvcp nospill	514.02	46.90	55.04		55.11	0.000878	2.14	240.50	44.12	0.16
GERBER	REACH1	2.103											
			Culvert										
GERBER	REACH1	2.092	NoSpill 10yr	342.67	46.70	52.94		53.02	0.001777	2.37	144.72	39.99	0.22
GERBER	REACH1	2.092	fvcp nospill	513.58	46.70	54.06		54.17	0.001847	2.66	192.78	45.90	0.23
GERBER	REACH1	2.052	NoSpill 10yr	342.66	46.40	52.57		52.65	0.001772	2.33	147.15	41.89	0.22
GERBER	REACH1	2.052	fvcp nospill	513.31	46.40	53.68		53.78	0.001813	2.60	197.17	48.26	0.23
GERBER	REACH1	2.027	NoSpill 10yr	369.17	46.10	52.28		52.38	0.002090	2.54	145.29	40.99	0.24
GERBER	REACH1	2.027	fvcp nospill	549.46	46.10	53.38		53.50	0.002142	2.84	193.62	47.08	0.25
GERBER	REACH1	1.988	NoSpill 10yr	368.56	45.70	51.66		51.74	0.002017	2.39	153.96	46.93	0.23
GERBER	REACH1	1.988	fvcp nospill	547.58	45.70	52.77		52.87	0.001928	2.60	210.48	54.72	0.23
GERBER	REACH1	1.914	NoSpill 10yr	367.96	45.20	51.06		51.14	0.002155	2.40	153.60	49.30	0.24
GERBER	REACH1	1.914	fvcp nospill	546.09	45.20	52.22		52.31	0.001954	2.53	216.20	59.65	0.23
GERBER	REACH1	1.883	NoSpill 10yr	367.69	44.90	50.72		50.80	0.002074	2.35	156.15	50.12	0.24
GERBER	REACH1	1.883	fvcp nospill	545.38	44.90	51.92		52.01	0.001779	2.45	222.19	59.75	0.22
GERBER	REACH1	1.843	NoSpill 10yr	367.53	44.60	50.38	47.34	50.44	0.001370	2.02	181.97	53.98	0.19
GERBER	REACH1	1.843	fvcp nospill	544.83	44.60	51.63	47.86	51.70	0.001201	2.14	255.17	63.02	0.19
GERBER	REACH1	1.832											
			Bridge										
GERBER	REACH1	1.831	NoSpill 10yr	367.51	44.60	50.32		50.38	0.000640	2.06	178.72	53.55	0.20
GERBER	REACH1	1.831	fvcp nospill	544.75	44.60	51.57		51.64	0.000557	2.17	251.18	62.56	0.19
GERBER	REACH1	1.823	NoSpill 10yr	367.47	44.40	49.83		49.87	0.000947	1.60	229.06	73.76	0.16
GERBER	REACH1	1.823	fvcp nospill	544.74	44.40	51.17		51.21	0.000724	1.62	336.87	87.61	0.15
GERBER	REACH1	1.800	NoSpill 10yr	367.75	44.20	49.74		49.77	0.000647	1.42	259.71	75.42	0.13
GERBER	REACH1	1.800	fvcp nospill	545.19	44.20	51.10		51.13	0.000527	1.48	369.34	86.31	0.13
GERBER	REACH1	1.756	NoSpill 10yr	455.15	43.80	49.53		49.57	0.000940	1.73	263.39	75.08	0.16
GERBER	REACH1	1.756	fvcp nospill	684.34	43.80	50.91		50.96	0.000792	1.82	375.00	86.57	0.15
GERBER	REACH1	1.719	NoSpill 10yr	455.66	43.50	49.35		49.40	0.000862	1.74	261.49	68.74	0.16
GERBER	REACH1	1.719	fvcp nospill	685.11	43.50	50.75		50.81	0.000763	1.88	364.13	77.59	0.15
GERBER	REACH1	1.703											
			Lat Struct										
GERBER	REACH1	1.687	NoSpill 10yr	600.50	43.20	49.08		49.16	0.001554	2.28	263.25	72.07	0.21
GERBER	REACH1	1.687	fvcp nospill	920.55	43.20	50.49		50.58	0.001363	2.47	372.34	82.64	0.21
GERBER	REACH1	1.643	NoSpill 10yr	600.01	42.90	48.71		48.80	0.001574	2.34	256.80	68.21	0.21
GERBER	REACH1	1.643	fvcp nospill	919.18	42.90	50.16		50.26	0.001391	2.54	362.29	77.29	0.21
GERBER	REACH1	1.610	NoSpill 10yr	599.97	42.60	48.53		48.58	0.000856	1.78	337.44	86.07	0.16
GERBER	REACH1	1.610	fvcp nospill	919.47	42.60	50.01		50.07	0.000764	1.95	472.46	96.40	0.15
GERBER	REACH1	1.570	NoSpill 10yr	599.98	42.30	48.27		48.35	0.001348	2.19	274.27	71.70	0.20
GERBER	REACH1	1.570	fvcp nospill	864.62	42.30	49.79		49.87	0.001030	2.21	391.02	82.02	0.18
GERBER	REACH1	1.485	NoSpill 10yr	600.33	41.60	47.69		47.76	0.001292	2.10	286.44	77.75	0.19

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
GERBER	REACH1	1.485	fvcp nospill	838.14	41.60	49.40		49.46	0.000810	1.94	431.78	92.52	0.16
GERBER	REACH1	1.434	NoSpill 10yr	604.47	41.20	47.34		47.41	0.001292	2.14	282.25	74.02	0.19
GERBER	REACH1	1.434	fvcp nospill	832.77	41.20	49.19		49.25	0.000749	1.93	432.18	88.10	0.15
GERBER	REACH1	1.417											
GERBER	REACH1	1.402	NoSpill 10yr	602.06	41.00	46.52		46.69	0.002308	3.30	182.43	59.81	0.27
GERBER	REACH1	1.402	fvcp nospill	768.79	41.00	47.89		48.05	0.001604	3.26	235.63	65.82	0.23
GERBER	REACH1	1.343	NoSpill 10yr	599.47	40.70	46.19		46.22	0.000546	1.31	456.25	131.81	0.12
GERBER	REACH1	1.343	fvcp nospill	752.47	40.70	47.71		47.73	0.000272	1.14	662.94	141.09	0.09
GERBER	REACH1	1.294	NoSpill 10yr	598.49	40.50	46.10		46.12	0.000266	0.90	655.66	198.63	0.09
GERBER	REACH1	1.294	fvcp nospill	749.37	40.50	47.87		47.68	0.000121	0.76	984.11	208.19	0.06
GERBER	REACH1	1.252	NoSpill 10yr	598.19	40.40	46.05		46.06	0.000216	0.81	742.04	223.36	0.08
GERBER	REACH1	1.252	fvcp nospill	748.37	40.40	47.85		47.66	0.000095	0.68	1106.59	233.93	0.05
GERBER	REACH1	1.235											
GERBER	REACH1	1.219	NoSpill 10yr	482.45	40.20	46.00	42.69	46.02	0.000337	1.04	462.18	131.42	0.10
GERBER	REACH1	1.219	fvcp nospill	804.86	40.20	47.60	43.08	47.62	0.000298	1.17	685.90	149.16	0.10
GERBER	REACH1	1.200											
GERBER	REACH1	1.182	NoSpill 10yr	481.37	39.90	45.73		45.78	0.001077	1.93	249.55	66.44	0.18
GERBER	REACH1	1.182	fvcp nospill	803.58	39.90	47.32		47.39	0.001038	2.21	362.99	76.20	0.18
GERBER	REACH1	1.133	NoSpill 10yr	480.12	39.60	45.47		45.52	0.000949	1.77	271.67	75.37	0.16
GERBER	REACH1	1.133	fvcp nospill	802.59	39.60	47.08		47.14	0.000879	1.99	403.66	88.56	0.16
GERBER	REACH1	1.09	NoSpill 10yr	479.17	39.40	45.26		45.31	0.000953	1.79	268.09	73.40	0.16
GERBER	REACH1	1.09	fvcp nospill	801.95	39.40	46.88		46.95	0.000887	2.02	397.41	85.81	0.17
GERBER	REACH1	1.068	NoSpill 10yr	478.71	39.20	45.14		45.19	0.001068	1.73	276.51	86.81	0.17
GERBER	REACH1	1.068	fvcp nospill	801.66	39.20	46.79		46.84	0.000816	1.87	428.62	97.85	0.18
GERBER	REACH1	1.032	NoSpill 10yr	480.64	39.00	44.95		45.00	0.000916	1.78	269.68	71.87	0.16
GERBER	REACH1	1.032	fvcp nospill	804.23	39.00	46.63		46.68	0.000858	1.89	425.37	98.96	0.16
GERBER	REACH1	1.013	NoSpill 10yr	481.58	38.90	44.85		44.91	0.000844	1.97	244.67	70.19	0.16
GERBER	REACH1	1.013	fvcp nospill	805.45	38.90	46.51		46.60	0.000848	2.42	332.60	81.29	0.17
GERBER	REACH1	1.004											
GERBER	REACH1	0.997	NoSpill 10yr	480.12	38.70	44.51		44.63	0.001579	2.81	171.02	65.74	0.22
GERBER	REACH1	0.997	fvcp nospill	803.90	38.70	45.95		46.15	0.001872	3.63	221.39	74.38	0.25
GERBER	REACH1	0.994	NoSpill 10yr	480.58	38.70	44.55		44.61	0.000981	1.86	258.03	68.16	0.17
GERBER	REACH1	0.994	fvcp nospill	804.52	38.70	46.05		46.12	0.001017	2.19	367.67	77.40	0.18
GERBER	REACH1	0.936	NoSpill 10yr	483.42	38.50	44.31		44.35	0.000688	1.55	312.16	83.19	0.14
GERBER	REACH1	0.936	fvcp nospill	808.21	38.50	45.80		45.86	0.000702	1.82	444.65	94.43	0.15
GERBER	REACH1	0.895	NoSpill 10yr	485.90	38.40	44.23		44.24	0.000299	1.04	465.72	121.12	0.09
GERBER	REACH1	0.895	fvcp nospill	811.14	38.40	45.72		45.75	0.000304	1.24	656.33	133.57	0.10
GERBER	REACH1	0.872	NoSpill 10yr	487.33	38.40	44.18		44.20	0.000433	1.06	458.80	152.12	0.11
GERBER	REACH1	0.872	fvcp nospill	812.90	38.40	45.69		45.71	0.000331	1.17	697.16	184.44	0.10
GERBER	REACH1	0.844	NoSpill 10yr	489.01	38.30	44.08		44.12	0.000646	1.49	327.51	88.15	0.14
GERBER	REACH1	0.844	fvcp nospill	814.94	38.30	45.59		45.64	0.000644	1.74	469.43	100.40	0.14
GERBER	REACH1	0.769	NoSpill 10yr	493.64	38.10	43.80		43.84	0.000767	1.59	309.52	85.77	0.15
GERBER	REACH1	0.769	fvcp nospill	820.47	38.10	45.31		45.36	0.000740	1.83	448.68	98.43	0.15
GERBER	REACH1	0.702	NoSpill 10yr	497.78	37.90	43.51		43.55	0.000844	1.67	297.45	82.31	0.16
GERBER	REACH1	0.702	fvcp nospill	825.48	37.90	45.03		45.09	0.000802	1.91	431.56	93.87	0.16
GERBER	REACH1	0.693	NoSpill 10yr	498.23	37.90	43.33		43.49	0.002288	3.18	156.51	59.11	0.27
GERBER	REACH1	0.693	fvcp nospill	826.09	37.90	44.78		45.03	0.002459	3.98	207.47	68.24	0.29
GERBER	REACH1	0.679											
GERBER	REACH1	0.656	NoSpill 10yr	497.58	37.70	43.01		43.26	0.003589	3.98	125.09	54.99	0.33
GERBER	REACH1	0.656	fvcp nospill	742.32	37.70	44.18		44.52	0.003696	4.71	157.62	61.96	0.35
GERBER	REACH1	0.655	NoSpill 10yr	498.38	37.60	43.04		43.09	0.001039	1.84	271.07	75.83	0.17
GERBER	REACH1	0.655	fvcp nospill	825.98	37.60	44.28		44.36	0.001156	2.23	370.48	83.98	0.19
GERBER	REACH1	0.627	NoSpill 10yr	499.91	37.50	42.90		42.94	0.000979	1.70	293.43	88.73	0.17
GERBER	REACH1	0.627	fvcp nospill	743.25	37.50	44.15		44.20	0.000830	1.80	412.48	101.18	0.16

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
GERBER	REACH1	0.61	NoSpill 10yr	501.01	37.40	42.87		42.88	0.000240	0.93	537.54	140.55	0.08
GERBER	REACH1	0.61	fvcp nospill	742.85	37.40	44.14		44.15	0.000216	1.03	721.13	149.83	0.08
GERBER	REACH1	0.598	NoSpill 10yr	501.65	37.40	42.80		42.85	0.000933	1.75	287.31	153.17	0.16
GERBER	REACH1	0.598	fvcp nospill	742.97	37.40	44.12		44.14	0.000282	1.11	743.33	201.55	0.09
GERBER	REACH1	0.586	NoSpill 10yr	502.33	37.30	42.74		42.79	0.000976	1.78	282.54	90.74	0.17
GERBER	REACH1	0.586	fvcp nospill	738.62	37.30	44.05		44.10	0.000779	1.84	426.15	137.87	0.15
GERBER	REACH1	0.587	NoSpill 10yr	503.37	37.20	42.65		42.69	0.000944	1.75	287.69	94.18	0.16
GERBER	REACH1	0.567	fvcp nospill	733.31	37.20	43.97		44.03	0.000767	1.83	401.41	131.08	0.15
GERBER	REACH1	0.555	NoSpill 10yr	504.05	37.10	42.60		42.64	0.000745	1.56	323.09	90.25	0.15
GERBER	REACH1	0.555	fvcp nospill	731.43	37.10	43.94		43.98	0.000586	1.63	448.22	96.49	0.13
GERBER	REACH1	0.539	NoSpill 10yr	504.96	37.10	42.53		42.57	0.000866	1.63	309.55	90.40	0.18
GERBER	REACH1	0.539	fvcp nospill	728.34	37.10	43.89		43.93	0.000615	1.88	432.60	90.40	0.14
GERBER	REACH1	0.527	NoSpill 10yr	505.56	37.00	42.47		42.51	0.000996	1.77	285.81	82.46	0.17
GERBER	REACH1	0.527	fvcp nospill	725.39	37.00	43.84		43.89	0.000751	1.78	406.87	93.67	0.15
GERBER	REACH1	0.486	NoSpill 10yr	507.79	38.80	42.26		42.30	0.000930	1.72	295.40	84.39	0.16
GERBER	REACH1	0.486	fvcp nospill	715.01	38.80	43.69		43.74	0.000653	1.68	424.45	95.77	0.14
GERBER	REACH1	0.459	NoSpill 10yr	509.26	38.70	42.17		42.20	0.000603	1.40	362.66	101.94	0.13
GERBER	REACH1	0.459	fvcp nospill	712.92	38.70	43.63		43.66	0.000413	1.37	521.38	114.64	0.11
GERBER	REACH1	0.434	NoSpill 10yr	510.64	38.50	42.06		42.10	0.000838	1.61	316.79	92.85	0.15
GERBER	REACH1	0.434	fvcp nospill	710.20	38.50	43.56		43.60	0.000543	1.52	467.12	107.64	0.13
GERBER	REACH1	0.367	NoSpill 10yr	513.99	36.20	41.74		41.78	0.000946	1.73	296.50	85.00	0.16
GERBER	REACH1	0.367	fvcp nospill	706.05	36.20	43.36		43.40	0.000563	1.58	446.00	99.08	0.13
GERBER	REACH1	0.346	NoSpill 10yr	514.05	36.10	41.49		41.63	0.002066	2.97	173.04	66.86	0.25
GERBER	REACH1	0.346	fvcp nospill	700.01	36.10	43.17		43.31	0.001275	2.93	238.60	76.95	0.21
GERBER	REACH1	0.338		Culvert									
GERBER	REACH1	0.329	NoSpill 10yr	512.86	35.90	41.38		41.51	0.001937	2.90	176.86	59.49	0.24
GERBER	REACH1	0.329	fvcp nospill	693.87	35.90	43.02		43.15	0.001240	2.86	242.41	69.32	0.20
GERBER	REACH1	0.293	NoSpill 10yr	511.91	35.70	41.21		41.25	0.000765	1.52	336.45	100.38	0.15
GERBER	REACH1	0.293	fvcp nospill	693.46	35.70	42.95		42.98	0.000371	1.34	517.63	106.91	0.11
GERBER	REACH1	.284		Lal Struct									
GERBER	REACH1	0.271	NoSpill 10yr	396.58	35.60	41.16		41.19	0.000521	1.31	303.00	84.40	0.12
GERBER	REACH1	0.271	fvcp nospill	692.19	35.60	42.90		42.93	0.000477	1.50	461.20	97.76	0.12
GERBER	REACH1	0.216	NoSpill 10yr	394.10	35.30	41.02		41.05	0.000451	1.25	316.51	85.34	0.11
GERBER	REACH1	0.216	fvcp nospill	693.69	35.30	42.77		42.80	0.000433	1.45	477.14	98.70	0.12
GERBER	REACH1	0.155	NoSpill 10yr	389.14	35.00	40.88		40.90	0.000435	1.24	314.27	82.98	0.11
GERBER	REACH1	0.155	fvcp nospill	694.98	35.00	42.63		42.66	0.000440	1.48	470.75	96.14	0.12
GERBER	REACH1	0.093	NoSpill 10yr	368.51	34.60	40.77		40.79	0.000287	1.06	348.93	85.53	0.09
GERBER	REACH1	0.093	fvcp nospill	696.20	34.60	42.50		42.53	0.000351	1.37	507.13	97.26	0.11
GERBER	REACH1	0.051	NoSpill 10yr	367.87	34.40	40.71		40.73	0.000266	1.03	356.92	85.58	0.09
GERBER	REACH1	0.051	fvcp nospill	697.19	34.40	42.43		42.46	0.000336	1.36	513.58	96.99	0.10
GERBER	REACH1	0.000	NoSpill 10yr	365.87	34.00	40.66		40.67	0.000179	0.84	435.09	105.75	0.07
GERBER	REACH1	0.000	fvcp nospill	696.20	34.00	42.36		42.38	0.000220	1.12	622.21	113.10	0.08
ELDER	REACH1	12.205	NoSpill 10yr	260.92	89.50	91.68		91.75	0.002595	2.01	130.12	119.20	0.34
ELDER	REACH1	12.205	fvcp nospill	452.69	89.50	92.25		92.32	0.002291	2.20	206.11	150.03	0.33
ELDER	REACH1	12.144	NoSpill 10yr	258.81	88.36	90.92		90.99	0.002088	2.16	123.81	110.27	0.32
ELDER	REACH1	12.144	fvcp nospill	450.42	88.36	91.55		91.64	0.001717	2.50	201.25	132.02	0.31
ELDER	REACH1	12.072	NoSpill 10yr	239.76	87.50	90.34		90.38	0.001071	1.57	153.58	113.73	0.23
ELDER	REACH1	12.072	fvcp nospill	435.00	87.50	91.03		91.08	0.000972	1.87	250.62	178.27	0.23
ELDER	REACH1	12.02	NoSpill 10yr	231.61	86.52	90.12		90.15	0.000558	1.76	246.15	283.34	0.18
ELDER	REACH1	12.02	fvcp nospill	401.67	86.52	90.84		90.87	0.000407	1.75	469.52	336.26	0.16
ELDER	REACH1	11.944	NoSpill 10yr	442.97	85.50	90.02		90.03	0.000177	1.13	755.67	428.51	0.11
ELDER	REACH1	11.944	fvcp nospill	865.65	85.50	90.72		90.73	0.000255	1.53	1064.73	453.14	0.13
ELDER	REACH1	11.883	NoSpill 10yr	442.48	85.50	89.99		89.99	0.000062	0.67	1206.53	580.84	0.06
ELDER	REACH1	11.883	fvcp nospill	827.68	85.50	90.66		90.67	0.000096	0.94	1668.58	696.32	0.08



HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH1	11.848	NoSpill 10yr	442.44	82.50	89.94		89.97	0.000225	1.32	334.94	553.89	0.12
ELDER	REACH1	11.848	fvcp nospill	842.12	82.50	90.64		90.64	0.000051	0.70	2432.04	1198.24	0.06
ELDER	REACH1	11.835											
ELDER	REACH1	11.822	NoSpill 10yr	442.41	82.50	87.18		87.63	0.003382	5.38	82.26	78.51	0.44
ELDER	REACH1	11.822	fvcp nospill	988.51	82.50	89.26		89.54	0.003391	4.79	360.85	374.46	0.45
ELDER	REACH1	11.724	NoSpill 10yr	442.18	83.19	86.17		86.25	0.001599	2.66	253.43	202.22	0.30
ELDER	REACH1	11.724	fvcp nospill	1082.83	83.19	87.15		87.28	0.002057	3.78	484.55	255.05	0.36
ELDER	REACH1	11.659	NoSpill 10yr	442.11	82.38	85.66		85.73	0.001393	2.54	272.54	182.05	0.28
ELDER	REACH1	11.659	fvcp nospill	981.04	82.38	86.49		86.61	0.002008	3.68	445.81	235.25	0.36
ELDER	REACH1	11.588	NoSpill 10yr	441.86	81.30	84.86		85.01	0.003071	3.88	219.28	233.81	0.42
ELDER	REACH1	11.588	fvcp nospill	995.63	81.30	85.73		85.89	0.002815	4.49	455.95	305.65	0.42
ELDER	REACH1	11.538	NoSpill 10yr	441.66	80.77	84.32		84.38	0.001440	2.81	319.16	258.64	0.29
ELDER	REACH1	11.538	fvcp nospill	932.57	80.77	85.25		85.32	0.001385	3.32	586.32	316.50	0.30
ELDER	REACH1	11.482	NoSpill 10yr	441.55	80.23	83.83		83.90	0.001812	3.20	270.37	184.12	0.33
ELDER	REACH1	11.482	fvcp nospill	921.87	80.23	84.67		84.78	0.002380	4.32	457.89	259.96	0.39
ELDER	REACH1	11.433	NoSpill 10yr	441.19	79.88	83.23		83.32	0.002740	3.71	249.71	194.22	0.39
ELDER	REACH1	11.433	fvcp nospill	907.87	79.88	83.91		84.04	0.003309	4.72	389.77	217.88	0.45
ELDER	REACH1	11.376	NoSpill 10yr	439.83	79.20	82.68		82.71	0.001150	2.42	488.77	533.34	0.28
ELDER	REACH1	11.376	fvcp nospill	856.70	79.20	83.40		83.42	0.000774	2.33	886.98	629.60	0.22
ELDER	REACH1	11.313	NoSpill 10yr	439.28	78.70	82.39		82.41	0.000723	1.97	448.61	342.78	0.21
ELDER	REACH1	11.313	fvcp nospill	855.22	78.70	83.18		83.19	0.000700	2.28	722.70	365.56	0.21
ELDER	REACH1	11.252	NoSpill 10yr	439.10	78.41	82.10		82.15	0.001045	2.37	346.98	257.50	0.25
ELDER	REACH1	11.252	fvcp nospill	853.53	78.41	82.86		82.93	0.001126	2.89	560.14	297.63	0.27
ELDER	REACH1	11.175	NoSpill 10yr	438.66	77.70	81.40		81.55	0.002568	3.63	210.71	188.36	0.39
ELDER	REACH1	11.175	fvcp nospill	849.14	77.70	82.10		82.29	0.002825	4.44	379.48	292.07	0.42
ELDER	REACH1	11.125	NoSpill 10yr	437.82	77.27	80.94		81.01	0.001299	2.86	306.84	300.82	0.28
ELDER	REACH1	11.125	fvcp nospill	841.74	77.27	81.59		81.68	0.001465	3.24	476.94	384.42	0.31
ELDER	REACH1	11.063	NoSpill 10yr	436.35	76.84	80.47		80.56	0.001654	3.05	264.95	548.54	0.32
ELDER	REACH1	11.063	fvcp nospill	830.73	76.84	81.13		81.23	0.001595	3.43	466.31	658.19	0.32
ELDER	REACH1	10.995	NoSpill 10yr	516.13	76.40	80.00		80.06	0.001098	2.50	356.91	222.12	0.28
ELDER	REACH1	10.995	fvcp nospill	901.14	76.40	80.62		80.70	0.001292	3.08	540.34	511.57	0.29
ELDER	REACH1	10.936	NoSpill 10yr	515.24	76.10	79.79		79.81	0.000422	1.60	577.21	313.81	0.16
ELDER	REACH1	10.936	fvcp nospill	895.57	76.10	80.33		80.37	0.000771	2.40	803.24	502.76	0.22
ELDER	REACH1	10.884	NoSpill 10yr	514.77	75.80	79.68		79.69	0.000430	1.69	643.83	426.16	0.16
ELDER	REACH1	10.884	fvcp nospill	892.68	75.80	80.14		80.17	0.000640	2.25	861.39	526.73	0.20
ELDER	REACH1	10.834	NoSpill 10yr	514.43	75.60	79.56		79.58	0.000418	1.54	580.88	374.73	0.16
ELDER	REACH1	10.834	fvcp nospill	891.20	75.60	79.96		80.00	0.000672	2.12	738.13	408.22	0.21
ELDER	REACH1	10.775	NoSpill 10yr	514.19	75.45	79.48		79.49	0.000173	1.10	806.47	374.76	0.10
ELDER	REACH1	10.775	fvcp nospill	890.36	75.45	79.82		79.84	0.000353	1.68	939.69	411.22	0.15
ELDER	REACH1	10.717	NoSpill 10yr	514.09	75.25	79.43		79.44	0.000140	1.10	922.15	388.95	0.10
ELDER	REACH1	10.717	fvcp nospill	890.03	75.25	79.72		79.74	0.000302	1.70	1039.55	417.93	0.14
ELDER	REACH1	10.691	NoSpill 10yr	514.04	74.00	79.42		79.42	0.000074	0.86	1051.73	1061.11	0.07
ELDER	REACH1	10.691	fvcp nospill	889.96	74.00	79.69		79.70	0.000168	1.35	1159.53	1084.71	0.11
ELDER	REACH1	10.689											
ELDER	REACH1	10.686	NoSpill 10yr	513.11	74.00	78.34		78.35	0.000379	1.62	873.23	953.13	0.16
ELDER	REACH1	10.686	fvcp nospill	889.55	74.00	78.58		78.61	0.000605	2.15	1107.32	976.65	0.20
ELDER	REACH1	10.63											
ELDER	REACH1	10.619	NoSpill 10yr	483.39	71.00	78.26		78.26	0.000031	0.54	1414.13	677.70	0.05
ELDER	REACH1	10.619	fvcp nospill	851.90	71.00	78.45		78.46	0.000078	0.88	1543.11	684.24	0.07
ELDER	REACH1	10.613											
ELDER	REACH1	10.607	NoSpill 10yr	483.25	71.00	74.79		75.05	0.002083	4.12	117.35	71.64	0.37
ELDER	REACH1	10.607	fvcp nospill	851.39	71.00	75.32		75.95	0.004166	6.36	133.89	103.94	0.54
ELDER	REACH1	10.582	NoSpill 10yr	483.14	70.10	74.65		74.71	0.000693	2.38	374.52	248.59	0.21
ELDER	REACH1	10.582	fvcp nospill	851.13	70.10	75.15		75.25	0.001083	3.22	507.89	293.78	0.27

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Cnl
ELDER	REACH1	10.507	NoSpill 10yr	483.04	70.50	74.39		74.51	0.001652	3.25	313.66	422.20	0.32
ELDER	REACH1	10.507	fvcp nospill	850.31	70.50	74.89		75.00	0.001720	3.64	550.06	517.46	0.33
ELDER	REACH1	10.442	NoSpill 10yr	486.22	70.48	73.81		73.90	0.002005	3.28	343.62	423.58	0.34
ELDER	REACH1	10.442	fvcp nospill	853.95	70.48	74.30		74.38	0.001955	3.59	580.74	530.86	0.35
ELDER	REACH1	10.361	NoSpill 10yr	490.25	70.32	73.22		73.24	0.001007	2.19	511.33	481.73	0.24
ELDER	REACH1	10.361	fvcp nospill	858.65	70.32	73.69		73.72	0.001105	2.57	757.40	557.42	0.26
ELDER	REACH1	10.312	NoSpill 10yr	492.50	70.20	72.83		72.87	0.002009	2.43	416.55	508.42	0.32
ELDER	REACH1	10.312	fvcp nospill	861.69	70.20	73.37		73.41	0.001361	2.41	713.84	577.16	0.28
ELDER	REACH1	10.272	NoSpill 10yr	494.43	69.63	72.40		72.45	0.002023	2.76	355.39	313.58	0.33
ELDER	REACH1	10.272	fvcp nospill	864.16	69.63	73.05		73.10	0.001613	2.90	576.37	367.52	0.31
ELDER	REACH1	10.214	NoSpill 10yr	573.26	68.78	71.77		71.84	0.002135	3.05	353.48	275.32	0.35
ELDER	REACH1	10.214	fvcp nospill	1057.84	68.78	72.45		72.53	0.002257	3.70	594.67	417.89	0.37
ELDER	REACH1	10.141	NoSpill 10yr	576.40	67.65	71.04		71.12	0.001873	2.79	356.86	315.47	0.32
ELDER	REACH1	10.141	fvcp nospill	1064.02	67.65	71.73		71.82	0.001740	3.20	590.73	365.51	0.33
ELDER	REACH1	10.09	NoSpill 10yr	578.67	66.80	70.50		70.64	0.002071	3.67	305.65	281.01	0.36
ELDER	REACH1	10.09	fvcp nospill	1068.52	66.80	71.21		71.36	0.002095	4.21	531.23	354.22	0.37
ELDER	REACH1	10.034	NoSpill 10yr	581.26	66.41	69.85		69.98	0.002387	3.72	303.43	252.55	0.38
ELDER	REACH1	10.034	fvcp nospill	1072.74	66.41	70.45		70.62	0.002973	4.69	522.32	426.99	0.44
ELDER	REACH1	9.974	NoSpill 10yr	583.92	66.02	69.41		69.44	0.000774	2.09	651.55	545.41	0.22
ELDER	REACH1	9.974	fvcp nospill	1076.69	66.02	69.91		69.94	0.000965	2.59	932.82	593.81	0.25
ELDER	REACH1	9.919	NoSpill 10yr	585.92	65.50	68.80		68.92	0.003069	4.07	360.33	457.60	0.42
ELDER	REACH1	9.919	fvcp nospill	1076.31	65.50	69.39		69.48	0.002306	4.00	664.46	543.41	0.38
ELDER	REACH1	9.878	NoSpill 10yr	586.46	65.13	68.32		68.37	0.001814	2.98	440.16	409.05	0.32
ELDER	REACH1	9.878	fvcp nospill	1073.72	65.13	69.01		69.06	0.001500	3.17	755.26	501.97	0.31
ELDER	REACH1	9.813	NoSpill 10yr	587.97	64.02	67.90		67.94	0.000591	1.90	582.95	498.72	0.19
ELDER	REACH1	9.813	fvcp nospill	1073.78	64.02	68.66		68.70	0.000534	2.10	1069.40	703.76	0.19
ELDER	REACH1	9.749	NoSpill 10yr	589.94	63.84	67.51		67.58	0.001587	2.94	380.97	305.27	0.31
ELDER	REACH1	9.749	fvcp nospill	1074.36	63.84	68.28		68.37	0.001527	3.39	719.86	647.11	0.32
ELDER	REACH1	9.701	NoSpill 10yr	591.39	63.10	67.20		67.25	0.000878	2.09	481.06	379.78	0.23
ELDER	REACH1	9.701	fvcp nospill	1075.12	63.10	68.00		68.05	0.000791	2.37	818.51	471.72	0.23
ELDER	REACH1	9.633	NoSpill 10yr	593.94	62.68	66.86		66.92	0.000974	2.51	472.52	369.64	0.25
ELDER	REACH1	9.633	fvcp nospill	1079.26	62.68	67.69		67.75	0.000846	2.73	808.64	439.02	0.24
ELDER	REACH1	9.566	NoSpill 10yr	596.63	62.13	66.09		66.30	0.003048	4.24	214.99	165.36	0.43
ELDER	REACH1	9.566	fvcp nospill	1084.60	62.13	66.74		67.06	0.003977	5.52	346.47	239.70	0.51
ELDER	REACH1	9.524	NoSpill 10yr	598.27	61.85	65.76		65.79	0.000634	1.92	629.84	435.93	0.20
ELDER	REACH1	9.524	fvcp nospill	1088.42	61.85	66.28		66.33	0.001094	2.81	998.21	1022.13	0.27
ELDER	REACH1	9.486	NoSpill 10yr	600.12	61.30	64.56		64.96	0.009579	5.48	154.22	478.58	0.71
ELDER	REACH1	9.486	fvcp nospill	1089.17	61.30	65.24		65.65	0.007505	5.98	295.70	761.33	0.66
ELDER	REACH1	9.438	NoSpill 10yr	600.22	59.80	63.45		63.57	0.001305	2.92	269.09	172.89	0.29
ELDER	REACH1	9.438	fvcp nospill	1086.28	59.80	64.38		64.53	0.001348	3.51	510.06	847.91	0.30
ELDER	REACH1	9.221	NoSpill 10yr	602.74	59.40	63.30		63.32	0.000280	1.54	754.44	353.75	0.14
ELDER	REACH1	9.221	fvcp nospill	1163.19	59.40	64.19		64.23	0.000510	2.36	1187.42	885.02	0.19
ELDER	REACH1	9.163	NoSpill 10yr	604.33	58.30	62.97		63.12	0.001391	3.17	270.35	249.25	0.30
ELDER	REACH1	9.163	fvcp nospill	1166.58	58.30	63.76		63.95	0.001767	4.09	528.60	410.30	0.35
ELDER	REACH1	9.116	NoSpill 10yr	605.26	57.40	62.61		62.72	0.001737	2.97	343.93	404.54	0.32
ELDER	REACH1	9.116	fvcp nospill	1168.72	57.40	63.43		63.52	0.001373	3.15	720.03	516.82	0.30
ELDER	REACH1	9.062	NoSpill 10yr	605.28	56.40	61.59		61.91	0.004281	4.57	132.45	49.07	0.49
ELDER	REACH1	9.062	fvcp nospill	1157.00	56.40	62.77		63.00	0.002627	4.40	493.40	943.92	0.40
ELDER	REACH1	9.019	NoSpill 10yr	604.85	55.60	61.13		61.29	0.001166	3.12	194.10	48.14	0.27
ELDER	REACH1	9.019	fvcp nospill	1149.42	55.60	62.14		62.47	0.002099	4.63	300.46	448.86	0.38
ELDER	REACH1	8.977	NoSpill 10yr	605.14	55.51	60.96		61.06	0.000853	2.75	391.97	324.11	0.23
ELDER	REACH1	8.977	fvcp nospill	1150.49	55.51	61.95		62.04	0.000838	3.02	851.67	581.66	0.24
ELDER	REACH1	8.925	NoSpill 10yr	606.00	55.37	60.77		60.84	0.000626	2.33	448.97	431.78	0.20
ELDER	REACH1	8.925	fvcp nospill	1152.38	55.37	61.76		61.82	0.000571	2.50	979.19	636.14	0.20
ELDER	REACH1	8.873	NoSpill 10yr	607.56	55.28	60.56		60.65	0.000808	2.49	380.46	374.45	0.23
ELDER	REACH1	8.873	fvcp nospill	1155.29	55.28	61.58		61.65	0.000707	2.67	800.38	530.09	0.22

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH1	8.809	NoSpill 10yr	609.16	55.14	60.16		60.29	0.001368	2.95	250.66	379.02	0.29
ELDER	REACH1	8.809	fvcp nospill	1159.55	55.14	61.30		61.39	0.000896	2.90	738.70	484.28	0.24
ELDER	REACH1	8.803	NoSpill 10yr	609.36	54.90	60.17	56.56	60.25	0.000528	2.28	317.27	382.23	0.17
ELDER	REACH1	8.803	fvcp nospill	1159.98	54.90	61.28	57.46	61.36	0.000591	2.74	791.56	515.16	0.19
ELDER	REACH1	8.798	Bridge										
ELDER	REACH1	8.788	NoSpill 10yr	607.99	54.90	59.97		60.06	0.000611	2.40	253.61	50.00	0.19
ELDER	REACH1	8.788	fvcp nospill	1159.92	54.90	61.02		61.14	0.000759	3.02	671.08	446.96	0.22
ELDER	REACH1	8.724	NoSpill 10yr	609.40	54.05	59.84		59.87	0.000485	1.49	410.25	166.69	0.17
ELDER	REACH1	8.724	fvcp nospill	1163.05	54.05	60.88		60.92	0.000472	1.81	810.29	490.03	0.17
ELDER	REACH1	8.645	NoSpill 10yr	602.90	53.00	58.71		59.10	0.003722	5.18	146.38	455.42	0.47
ELDER	REACH1	8.645	fvcp nospill	1157.46	53.00	59.54		60.08	0.004743	6.65	296.57	553.74	0.55
ELDER	REACH1	8.586	NoSpill 10yr	596.69	52.80	58.29		58.33	0.000486	1.73	368.69	493.43	0.17
ELDER	REACH1	8.586	fvcp nospill	1134.73	52.80	58.92		59.01	0.000801	2.50	610.20	986.35	0.23
ELDER	REACH1	8.531	NoSpill 10yr	595.14	52.60	58.07		58.15	0.001036	2.61	562.11	1651.53	0.25
ELDER	REACH1	8.531	fvcp nospill	1118.44	52.60	58.75		58.79	0.000588	2.22	1317.76	3588.84	0.20
ELDER	REACH1	8.432	NoSpill 10yr	591.14	52.20	57.75		57.78	0.000704	2.20	561.32	337.40	0.20
ELDER	REACH1	8.432	fvcp nospill	1057.45	52.20	58.46		58.49	0.000869	2.78	1233.22	3135.43	0.23
ELDER	REACH1	8.399	NoSpill 10yr	593.94	52.15	57.63		57.69	0.000965	2.49	425.99	292.25	0.24
ELDER	REACH1	8.399	fvcp nospill	1056.10	52.15	58.34		58.40	0.000964	2.83	927.75	2339.57	0.25
ELDER	REACH1	8.313	NoSpill 10yr	556.95	52.04	57.38		57.42	0.000532	2.10	738.57	1399.35	0.18
ELDER	REACH1	8.313	fvcp nospill	1054.55	52.04	58.13		58.15	0.000358	1.93	1429.33	2029.75	0.16
ELDER	REACH1	8.092	NoSpill 10yr	533.36	51.60	57.05		57.06	0.000214	1.34	1133.84	1826.54	0.12
ELDER	REACH1	8.092	fvcp nospill	983.01	51.60	57.93		57.93	0.000055	0.77	3543.92	2078.96	0.06
ELDER	REACH1	8.029	NoSpill 10yr	534.97	51.33	55.69		56.25	0.006289	6.01	89.01	28.28	0.60
ELDER	REACH1	8.029	fvcp nospill	1369.84	51.33	56.37		56.73	0.005889	6.52	560.97	1272.18	0.59
ELDER	REACH1	7.985	NoSpill 10yr	535.55	51.13	55.08		55.10	0.000318	1.30	874.11	814.65	0.14
ELDER	REACH1	7.985	fvcp nospill	1326.75	51.13	55.75		55.77	0.000510	1.90	1460.47	943.70	0.18
ELDER	REACH1	7.809	NoSpill 10yr	536.74	50.55	54.97		54.97	0.000297	1.12	900.34	1937.05	0.13
ELDER	REACH1	7.809	fvcp nospill	1305.41	50.55	55.53		55.56	0.000672	1.95	1290.93	2515.88	0.20
ELDER	REACH1	7.764	NoSpill 10yr	560.05	50.36	54.75		54.82	0.001224	2.85	599.05	1755.72	0.27
ELDER	REACH1	7.764	fvcp nospill	1339.38	50.36	55.22		55.29	0.001647	3.59	1081.19	1885.82	0.32
ELDER	REACH1	7.697	NoSpill 10yr	559.94	50.16	54.28		54.33	0.001713	2.23	632.71	1812.16	0.30
ELDER	REACH1	7.697	fvcp nospill	1320.71	50.16	54.84		54.86	0.000863	1.90	1752.03	2208.53	0.22
ELDER	REACH1	7.617	NoSpill 10yr	557.44	49.88	53.42		53.57	0.002825	3.83	318.42	471.73	0.41
ELDER	REACH1	7.617	fvcp nospill	1248.58	49.88	54.16		54.26	0.002240	4.00	1262.84	2668.73	0.38
ELDER	REACH1	7.574	NoSpill 10yr	552.54	49.72	53.08		53.10	0.000442	1.47	876.38	1498.05	0.16
ELDER	REACH1	7.574	fvcp nospill	1189.36	49.72	53.88		53.90	0.000348	1.56	1786.70	2058.94	0.15
ELDER	REACH1	7.523	NoSpill 10yr	551.14	49.61	53.00		53.01	0.000189	0.99	1559.21	1667.23	0.10
ELDER	REACH1	7.523	fvcp nospill	1182.70	49.61	53.82		53.83	0.000118	0.93	2978.50	1787.95	0.09
ELDER	REACH1	7.459	NoSpill 10yr	550.86	49.00	52.98	52.26	52.98	0.000260	1.11	1181.52	1163.71	0.12
ELDER	REACH1	7.459	fvcp nospill	1181.42	49.00	53.80	52.48	53.81	0.000293	1.40	2357.73	2355.09	0.14
ELDER	REACH1	7.457	Bridge										
ELDER	REACH1	7.454	NoSpill 10yr	550.74	49.00	52.97		52.97	0.000235	1.06	1226.73	1168.52	0.12
ELDER	REACH1	7.454	fvcp nospill	1181.42	49.00	53.79		53.80	0.000264	1.34	2455.90	2387.82	0.13
ELDER	REACH1	7.392	NoSpill 10yr	550.35	48.59	52.85		52.87	0.000546	1.76	745.57	788.45	0.18
ELDER	REACH1	7.392	fvcp nospill	1179.19	48.59	53.69		53.71	0.000412	1.81	1395.66	773.19	0.16
ELDER	REACH1	7.339	NoSpill 10yr	550.20	48.05	52.69		52.70	0.000517	1.65	678.21	495.32	0.17
ELDER	REACH1	7.339	fvcp nospill	1178.73	48.05	53.54		53.56	0.000534	1.99	1105.00	504.35	0.18
ELDER	REACH1	7.3202*	NoSpill 10yr	550.20	47.97	52.66		52.66	0.000632	1.88	598.82	452.44	0.19
ELDER	REACH1	7.3202*	fvcp nospill	1178.53	47.97	53.51		53.54	0.000654	2.26	989.85	465.00	0.20
ELDER	REACH1	7.3014*	NoSpill 10yr	550.20	47.88	52.62		52.65	0.000684	2.01	572.17	548.00	0.20
ELDER	REACH1	7.3014*	fvcp nospill	1178.52	47.88	53.49		53.52	0.000603	2.22	1132.71	728.67	0.20
ELDER	REACH1	7.2826*	NoSpill 10yr	550.18	47.80	52.53		52.63	0.001535	3.05	361.56	442.51	0.30
ELDER	REACH1	7.2826*	fvcp nospill	1178.51	47.80	53.42		53.50	0.001162	3.13	825.50	587.45	0.27

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	MIn Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH1	7.2638*	NoSpill 10yr	550.18	47.71	52.39		52.55	0.002072	3.54	278.39	359.38	0.35
ELDER	REACH1	7.2638*	fvcp nospill	1178.48	47.71	53.33		53.45	0.001615	3.73	663.71	473.41	0.33
ELDER	REACH1	7.245*	NoSpill 10yr	550.16	47.63	52.25		52.42	0.002154	3.60	256.62	308.38	0.36
ELDER	REACH1	7.245*	fvcp nospill	1178.36	47.63	53.23		53.38	0.001794	3.95	593.32	398.04	0.34
ELDER	REACH1	7.2262*	NoSpill 10yr	550.15	47.55	52.10		52.27	0.002227	3.64	240.13	287.23	0.37
ELDER	REACH1	7.2262*	fvcp nospill	1178.35	47.55	53.13		53.29	0.001861	4.04	559.35	352.43	0.35
ELDER	REACH1	7.2074*	NoSpill 10yr	550.15	47.46	51.97		52.12	0.001955	3.41	229.82	143.04	0.34
ELDER	REACH1	7.2074*	fvcp nospill	1178.33	47.46	53.02		53.19	0.001979	4.17	520.12	306.40	0.36
ELDER	REACH1	7.1886*	NoSpill 10yr	550.15	47.38	51.84		51.98	0.001927	3.37	225.37	126.39	0.34
ELDER	REACH1	7.1886*	fvcp nospill	1178.24	47.38	52.87		53.08	0.002290	4.46	427.22	210.00	0.39
ELDER	REACH1	7.1698*	NoSpill 10yr	550.15	47.29	51.69		51.84	0.001994	3.39	214.26	109.62	0.35
ELDER	REACH1	7.1698*	fvcp nospill	1178.23	47.29	52.66		52.94	0.002898	4.93	374.21	196.87	0.44
ELDER	REACH1	7.151	NoSpill 10yr	550.14	47.21	51.52		51.69	0.002245	3.54	194.93	92.60	0.37
ELDER	REACH1	7.151	fvcp nospill	1178.02	47.21	52.31		52.74	0.004392	5.81	291.40	167.46	0.53
ELDER	REACH1	7.15		Lat Struct									
ELDER	REACH1	7.1445*	NoSpill 10yr	514.62	47.18	51.48		51.54	0.001141	2.46	316.83	179.09	0.26
ELDER	REACH1	7.1445*	fvcp nospill	1024.37	47.18	52.36		52.46	0.001361	3.23	475.31	180.00	0.30
ELDER	REACH1	7.138*	NoSpill 10yr	514.62	47.15	51.39		51.45	0.001256	2.49	320.47	200.00	0.27
ELDER	REACH1	7.138*	fvcp nospill	1024.36	47.15	52.26		52.36	0.001378	3.15	495.17	200.00	0.30
ELDER	REACH1	7.1315*	NoSpill 10yr	514.61	47.11	51.28		51.34	0.001708	2.76	285.93	200.00	0.31
ELDER	REACH1	7.1315*	fvcp nospill	1024.34	47.11	52.13		52.24	0.001710	3.38	459.73	200.00	0.33
ELDER	REACH1	7.125	NoSpill 10yr	514.61	47.08	50.61		51.00	0.009687	5.23	126.06	153.45	0.70
ELDER	REACH1	7.125	fvcp nospill	1024.31	47.08	51.89		52.08	0.002995	4.19	371.20	200.00	0.42
ELDER	REACH1	7.120	NoSpill 10yr	514.60	46.70	50.10		50.33	0.006534	3.88	132.53	47.72	0.41
ELDER	REACH1	7.120	fvcp nospill	1024.28	46.70	51.13		51.62	0.009661	5.60	183.01	49.80	0.51
ELDER	REACH1	7.119		Lat Struct									
ELDER	REACH1	7.10425*	NoSpill 10yr	514.59	46.05	49.49		49.74	0.007596	4.04	127.35	48.73	0.44
ELDER	REACH1	7.10425*	fvcp nospill	910.22	46.05	50.61		50.99	0.007867	4.91	185.23	53.56	0.47
ELDER	REACH1	7.0885*	NoSpill 10yr	514.57	45.40	48.81		49.08	0.008455	4.16	123.61	49.05	0.46
ELDER	REACH1	7.0885*	fvcp nospill	890.23	45.40	50.00		50.35	0.007749	4.78	186.22	55.99	0.46
ELDER	REACH1	7.07275*	NoSpill 10yr	514.55	44.75	48.10		48.37	0.008447	4.15	123.87	49.25	0.46
ELDER	REACH1	7.07275*	fvcp nospill	889.49	44.75	49.41		49.74	0.007011	4.60	193.17	56.95	0.44
ELDER	REACH1	7.057	NoSpill 10yr	514.44	44.10	47.53		47.76	0.006382	3.79	135.90	50.24	0.41
ELDER	REACH1	7.057	fvcp nospill	887.65	44.10	48.96		49.23	0.005204	4.15	213.75	58.75	0.38
ELDER	REACH1	7.04066*	NoSpill 10yr	514.09	43.43	47.05		47.25	0.005362	3.56	144.40	51.38	0.37
ELDER	REACH1	7.04066*	fvcp nospill	885.36	43.43	48.59		48.82	0.004180	3.84	230.81	60.63	0.35
ELDER	REACH1	7.02433*	NoSpill 10yr	513.87	42.77	46.68		48.84	0.004082	3.23	156.89	53.18	0.33
ELDER	REACH1	7.02433*	fvcp nospill	883.45	42.77	48.32		48.50	0.003187	3.48	254.11	63.08	0.31
ELDER	REACH1	7.008	NoSpill 10yr	513.85	42.10	46.42		46.54	0.002839	2.85	180.51	55.62	0.28
ELDER	REACH1	7.008	fvcp nospill	864.77	42.10	48.12		48.26	0.002244	3.05	283.90	65.95	0.26
ELDER	REACH1	6.98		Lat Struct									
ELDER	REACH1	6.97906*	NoSpill 10yr	554.79	41.50	46.20		46.32	0.002255	2.68	207.35	58.93	0.25
ELDER	REACH1	6.97906*	fvcp nospill	921.56	41.50	47.94		48.07	0.001857	2.89	318.68	69.41	0.24
ELDER	REACH1	6.978	NoSpill 10yr	553.22	40.90	46.09		46.17	0.001461	2.29	241.97	62.82	0.21
ELDER	REACH1	6.978	fvcp nospill	917.22	40.90	47.84		47.94	0.001302	2.54	361.58	73.36	0.20
ELDER	REACH1	6.960		Lat Struct									
ELDER	REACH1	6.95819*	NoSpill 10yr	552.67	40.50	46.04		46.10	0.001027	1.95	282.93	71.80	0.17
ELDER	REACH1	6.95819*	fvcp nospill	916.31	40.50	47.81		47.88	0.000921	2.19	419.30	82.45	0.17
ELDER	REACH1	6.956	NoSpill 10yr	567.07	40.10	46.02		46.05	0.000507	1.52	372.97	81.00	0.12
ELDER	REACH1	6.956	fvcp nospill	957.10	40.10	47.78		47.83	0.000546	1.82	525.52	91.72	0.13
ELDER	REACH1	6.946		Culvert									
ELDER	REACH1	6.927	NoSpill 10yr	562.72	39.90	45.75		45.81	0.001049	1.94	290.74	75.82	0.17
ELDER	REACH1	6.927	fvcp nospill	944.87	39.90	47.40		47.48	0.001007	2.23	424.51	86.81	0.18
ELDER	REACH1	6.926		Lat Struct									

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH1	6.903	NoSpill 10yr	573.17	39.70	45.63		45.68	0.000896	1.79	320.89	84.22	0.16
ELDER	REACH1	6.903	fvcp nospill	956.48	39.70	47.29		47.35	0.000841	2.03	470.98	97.04	0.16
ELDER	REACH1	6.884	NoSpill 10yr	573.21	39.60	45.58		45.61	0.000559	1.44	398.58	101.95	0.13
ELDER	REACH1	6.884	fvcp nospill	952.35	39.60	47.25		47.29	0.000525	1.64	579.59	115.50	0.13
ELDER	REACH1	6.872	NoSpill 10yr	573.06	39.50	45.55		45.58	0.000470	1.32	433.05	110.43	0.12
ELDER	REACH1	6.872	fvcp nospill	951.62	39.50	47.22		47.26	0.000441	1.51	629.61	125.21	0.12
ELDER	REACH1	6.858	NoSpill 10yr	573.10	39.40	45.51		45.54	0.000532	1.41	405.62	102.70	0.13
ELDER	REACH1	6.858	fvcp nospill	950.89	39.40	47.18		47.22	0.000503	1.61	589.79	116.76	0.13
ELDER	REACH1	6.847	NoSpill 10yr	573.17	39.30	45.47		45.51	0.000706	1.59	359.45	93.77	0.14
ELDER	REACH1	6.847	fvcp nospill	950.15	39.30	47.14		47.19	0.000657	1.80	529.07	109.30	0.14
ELDER	REACH1	6.824	NoSpill 10yr	573.25	39.10	45.42		45.44	0.000322	1.09	526.90	135.77	0.10
ELDER	REACH1	6.824	fvcp nospill	950.34	39.10	47.10		47.13	0.000289	1.24	766.92	149.87	0.10
ELDER	REACH1	6.807	NoSpill 10yr	573.35	39.00	45.39		45.41	0.000414	1.09	525.53	162.18	0.11
ELDER	REACH1	6.807	fvcp nospill	949.70	39.00	47.08		47.10	0.000297	1.17	810.28	174.87	0.10
ELDER	REACH1	6.795	NoSpill 10yr	573.42	39.00	45.37		45.39	0.000279	1.02	560.28	142.00	0.09
ELDER	REACH1	6.795	fvcp nospill	949.81	39.00	47.06		47.09	0.000251	1.17	811.67	155.10	0.09
ELDER	REACH1	6.782	NoSpill 10yr	573.45	38.90	45.32		45.36	0.000644	1.59	359.54	87.21	0.14
ELDER	REACH1	6.782	fvcp nospill	949.19	38.90	47.00		47.06	0.000632	1.83	517.46	100.06	0.14
ELDER	REACH1	6.774	NoSpill 10yr	573.50	38.80	45.27	41.53	45.33	0.000853	1.88	304.35	70.08	0.16
ELDER	REACH1	6.774	fvcp nospill	948.53	38.80	46.95	42.18	47.03	0.000873	2.21	429.45	78.98	0.17
ELDER	REACH1	6.764	Bridge										
ELDER	REACH1	6.752	NoSpill 10yr	573.50	38.60	44.68		44.71	0.000861	1.81	316.36	78.35	0.16
ELDER	REACH1	6.752	fvcp nospill	946.28	38.60	46.22		46.29	0.000869	2.12	446.69	88.00	0.17
ELDER	REACH1	6.745	NoSpill 10yr	573.50	38.60	44.64		44.68	0.000711	1.52	378.92	106.55	0.14
ELDER	REACH1	6.745	fvcp nospill	946.28	38.60	46.22		46.26	0.000648	1.69	560.88	126.57	0.14
ELDER	REACH1	6.734	NoSpill 10yr	573.49	38.50	44.60		44.64	0.000650	1.52	376.45	98.60	0.14
ELDER	REACH1	6.734	fvcp nospill	945.52	38.50	46.18		46.23	0.000593	1.76	538.54	105.80	0.14
ELDER	REACH1	6.697	NoSpill 10yr	573.48	38.40	44.61		44.62	0.000119	0.71	804.31	185.99	0.06
ELDER	REACH1	6.697	fvcp nospill	945.51	38.40	46.20		46.21	0.000121	0.85	1108.27	197.02	0.06
ELDER	REACH1	6.684	NoSpill 10yr	573.46	38.30	44.58		44.60	0.000329	1.16	495.20	117.93	0.10
ELDER	REACH1	6.684	fvcp nospill	944.79	38.30	46.16		46.19	0.000379	1.35	693.45	143.78	0.11
ELDER	REACH1	6.665	NoSpill 10yr	573.45	38.30	44.51		44.55	0.000715	1.63	352.27	89.77	0.14
ELDER	REACH1	6.665	fvcp nospill	943.35	38.30	46.08		46.14	0.000705	1.87	503.64	102.83	0.15
ELDER	REACH1	6.635	NoSpill 10yr	573.42	38.20	44.39		44.44	0.000732	1.71	336.29	80.86	0.15
ELDER	REACH1	6.635	fvcp nospill	941.18	38.20	45.96		46.02	0.000748	2.00	470.51	90.13	0.15
ELDER	REACH1	6.581	NoSpill 10yr	573.32	38.00	44.17		44.22	0.000792	1.74	329.60	81.59	0.15
ELDER	REACH1	6.581	fvcp nospill	938.52	38.00	45.74		45.80	0.000785	2.02	465.40	91.47	0.16
ELDER	REACH1	6.558	NoSpill 10yr	573.20	37.90	44.10		44.13	0.000596	1.52	377.60	92.85	0.13
ELDER	REACH1	6.558	fvcp nospill	937.37	37.90	45.67		45.72	0.000595	1.76	533.26	104.92	0.14
ELDER	REACH1	6.539	Lat Struct										
ELDER	REACH1	6.536	NoSpill 10yr	573.20	37.80	44.00		44.05	0.000793	1.74	328.85	165.35	0.15
ELDER	REACH1	6.536	fvcp nospill	921.71	37.80	45.58		45.64	0.000761	1.98	465.78	187.01	0.16
ELDER	REACH1	6.522	NoSpill 10yr	573.19	37.80	43.95		44.00	0.000784	1.70	337.32	86.25	0.15
ELDER	REACH1	6.522	fvcp nospill	936.46	37.80	45.53		45.59	0.000758	1.94	483.18	98.74	0.15
ELDER	REACH1	6.504	NoSpill 10yr	573.17	37.70	43.89		43.93	0.000643	1.47	390.23	107.75	0.14
ELDER	REACH1	6.504	fvcp nospill	936.01	37.70	45.48		45.52	0.000584	1.62	577.03	127.62	0.13
ELDER	REACH1	6.470	NoSpill 10yr	573.06	37.60	43.75		43.80	0.000812	1.77	323.81	79.50	0.15
ELDER	REACH1	6.470	fvcp nospill	934.62	37.60	45.33		45.40	0.000802	2.04	457.80	89.60	0.16
ELDER	REACH1	6.416	NoSpill 10yr	572.95	37.40	43.51		43.56	0.000826	1.78	321.10	78.79	0.16
ELDER	REACH1	6.416	fvcp nospill	934.51	37.40	45.10		45.17	0.000813	2.06	453.97	88.59	0.16
ELDER	REACH1	6.375	NoSpill 10yr	572.85	37.20	43.35		43.39	0.000772	1.68	344.76	90.16	0.15
ELDER	REACH1	6.375	fvcp nospill	934.41	37.20	44.95		45.00	0.000724	1.87	500.43	104.52	0.15
ELDER	REACH1	6.344	NoSpill 10yr	572.75	37.10	43.21		43.26	0.000828	1.76	325.52	81.88	0.16
ELDER	REACH1	6.344	fvcp nospill	934.39	37.10	44.82		44.88	0.000796	2.01	465.82	93.20	0.16

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH1	6.309	NoSpill 10yr	572.73	37.00	43.06		43.11	0.000798	1.71	334.22	85.48	0.15
ELDER	REACH1	6.309	fvcp nospill	934.32	37.00	44.67		44.73	0.000751	1.94	481.89	97.77	0.15
ELDER	REACH1	6.287	NoSpill 10yr	572.66	37.00	42.96		43.01	0.000863	1.78	322.20	82.66	0.16
ELDER	REACH1	6.287	fvcp nospill	934.31	37.00	44.58		44.64	0.000806	2.01	465.11	94.13	0.16
ELDER	REACH1	6.287	NoSpill 10yr	572.65	38.90	42.87		42.92	0.000876	1.81	316.89	80.06	0.16
ELDER	REACH1	6.287	fvcp nospill	934.30	38.90	44.49		44.56	0.000825	2.05	455.18	90.52	0.16
ELDER	REACH1	6.244	NoSpill 10yr	573.74	36.80	42.75		42.81	0.000955	1.93	297.64	72.13	0.17
ELDER	REACH1	6.244	fvcp nospill	935.45	36.80	44.38		44.45	0.000913	2.22	420.77	78.93	0.17
ELDER	REACH1	6.216	NoSpill 10yr	575.18	36.80	42.61		42.66	0.000983	1.88	306.62	79.89	0.17
ELDER	REACH1	6.216	fvcp nospill	936.89	36.80	44.25		44.32	0.000889	2.10	446.58	90.96	0.17
ELDER	REACH1	6.188	NoSpill 10yr	576.55	36.70	42.45		42.51	0.001100	1.99	290.00	74.83	0.18
ELDER	REACH1	6.188	fvcp nospill	938.30	36.70	44.10		44.18	0.000986	2.23	421.35	84.04	0.18
ELDER	REACH1	6.166	NoSpill 10yr	577.58	36.60	42.35		42.39	0.000965	1.75	329.74	94.70	0.17
ELDER	REACH1	6.166	fvcp nospill	939.38	36.60	44.02		44.08	0.000758	1.87	502.44	108.48	0.15
ELDER	REACH1	6.147	NoSpill 10yr	578.55	36.50	42.24		42.29	0.001032	1.86	311.17	85.48	0.17
ELDER	REACH1	6.147	fvcp nospill	940.35	36.50	43.93		44.00	0.000837	2.03	462.93	93.51	0.16
ELDER	REACH1	6.124	NoSpill 10yr	579.67	36.40	42.13		42.17	0.000899	1.73	336.01	93.29	0.16
ELDER	REACH1	6.124	fvcp nospill	941.45	36.40	43.85		43.90	0.000710	1.85	509.82	106.55	0.15
ELDER	REACH1	6.106	NoSpill 10yr	580.58	36.30	42.09		42.11	0.000338	1.13	515.83	131.35	0.10
ELDER	REACH1	6.106	fvcp nospill	942.35	36.30	43.83		43.86	0.000279	1.26	749.79	138.13	0.10
ELDER	REACH1	6.087	NoSpill 10yr	581.50	36.20	42.05		42.08	0.000397	1.24	468.80	115.55	0.11
ELDER	REACH1	6.087	fvcp nospill	943.27	36.20	43.80		43.83	0.000340	1.40	675.75	122.26	0.10
ELDER	REACH1	6.070	NoSpill 10yr	582.39	36.20	41.99		42.03	0.000614	1.54	378.75	93.49	0.13
ELDER	REACH1	6.070	fvcp nospill	944.16	36.20	43.74		43.79	0.000524	1.73	546.30	98.63	0.13
ELDER	REACH1	6.039	NoSpill 10yr	582.38	36.00	41.84		41.90	0.001066	1.93	302.10	80.38	0.18
ELDER	REACH1	6.039	fvcp nospill	944.03	36.00	43.61		43.68	0.000839	2.10	450.16	86.42	0.16
ELDER	REACH1	6.013	NoSpill 10yr	582.35	35.90	41.83		41.71	0.001577	2.32	251.29	67.64	0.21
ELDER	REACH1	6.013	fvcp nospill	943.87	35.90	43.44		43.53	0.001218	2.48	380.79	74.80	0.19
ELDER	REACH1	6.001		Culvert									
ELDER	REACH1	5.993	NoSpill 10yr	582.32	35.70	41.34		41.43	0.002102	2.37	245.90	80.35	0.24
ELDER	REACH1	5.993	fvcp nospill	942.45	35.70	42.91		43.00	0.001618	2.44	386.81	99.52	0.22
ELDER	REACH1	5.978	NoSpill 10yr	582.27	35.60	41.21		41.28	0.001679	2.16	269.23	85.35	0.21
ELDER	REACH1	5.978	fvcp nospill	941.80	35.60	42.81		42.88	0.001295	2.24	421.18	104.51	0.20
ELDER	REACH1	5.927	NoSpill 10yr	457.70	35.30	40.89		40.92	0.000674	1.46	313.00	89.96	0.14
ELDER	REACH1	5.927	fvcp nospill	937.30	35.30	42.53		42.59	0.000884	1.98	473.55	105.83	0.16
ELDER	REACH1	5.884	NoSpill 10yr	455.36	34.80	40.76		40.78	0.000540	1.34	339.88	94.33	0.12
ELDER	REACH1	5.884	fvcp nospill	668.55	34.80	42.43		42.46	0.000371	1.31	512.25	111.46	0.11
ELDER	REACH1	5.845	NoSpill 10yr	453.17	34.40	40.66		40.88	0.000442	1.26	360.01	94.28	0.11
ELDER	REACH1	5.845	fvcp nospill	668.31	34.40	42.36		42.39	0.000319	1.25	534.60	110.56	0.10
ELDER	REACH2	5.779	NoSpill 10yr	819.04	33.80	40.66		40.72	0.000908	1.95	420.65	98.21	0.17
ELDER	REACH2	5.779	fvcp nospill	1364.52	33.80	42.36		42.44	0.000907	2.27	600.54	110.30	0.17
ELDER	REACH2	5.665	NoSpill 10yr	819.02	33.30	40.10		40.16	0.000936	1.96	418.71	99.33	0.17
ELDER	REACH2	5.665	fvcp nospill	1364.42	33.30	41.81		41.89	0.000909	2.27	600.93	110.40	0.17
ELDER	REACH2	5.591	NoSpill 10yr	819.00	33.00	39.73		39.79	0.000954	1.97	415.79	98.95	0.17
ELDER	REACH2	5.591	fvcp nospill	1364.40	33.00	41.46		41.54	0.000919	2.28	599.46	110.70	0.17
ELDER	REACH2	5.510	NoSpill 10yr	818.93	32.60	39.48		39.56	0.000125	2.33	350.76	71.61	0.19
ELDER	REACH2	5.510	fvcp nospill	1364.39	32.60	41.19		41.31	0.000138	2.86	476.81	75.47	0.20
ELDER	REACH2	5.450	NoSpill 10yr	818.91	32.30	39.45		39.52	0.000107	2.24	366.12	69.69	0.17
ELDER	REACH2	5.450	fvcp nospill	1364.36	32.30	41.15		41.27	0.000126	2.80	487.72	73.10	0.19
ELDER	REACH2	5.428	NoSpill 10yr	818.91	32.20	39.43	35.24	39.51	0.000093	2.28	358.39	70.06	0.17
ELDER	REACH2	5.428	fvcp nospill	1364.34	32.20	41.12	36.01	41.26	0.000111	2.96	461.49	73.44	0.19
ELDER	REACH2	5.414		Bridge									
ELDER	REACH2	5.402	NoSpill 10yr	818.82	32.00	39.18		39.26	0.000785	2.21	370.42	86.50	0.16
ELDER	REACH2	5.402	fvcp nospill	1364.34	32.00	40.86		40.98	0.000934	2.85	477.66	97.26	0.18
ELDER	REACH2	5.359	NoSpill 10yr	818.58	31.70	39.02		39.08	0.000794	1.97	416.10	85.49	0.16

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH2	5.359	fvcp nospill	1354.28	31.70	40.69		40.78	0.000916	2.41	567.09	95.74	0.17
ELDER	REACH2	5.307	NoSpill 10yr	845.68	31.60	38.80		38.86	0.000801	1.91	442.09	95.16	0.16
ELDER	REACH2	5.307	fvcp nospill	1395.34	31.60	40.45		40.53	0.000867	2.26	610.79	107.44	0.17
ELDER	REACH2	5.195	NoSpill 10yr	863.59	31.20	38.33		38.38	0.000796	1.86	453.54	104.50	0.18
ELDER	REACH2	5.195	fvcp nospill	1414.91	31.20	39.95		40.03	0.000813	2.22	638.54	111.10	0.18
ELDER	REACH2	5.113	NoSpill 10yr	862.01	30.90	37.95		38.02	0.000893	1.97	438.51	99.53	0.17
ELDER	REACH2	5.113	fvcp nospill	1414.80	30.90	39.57		39.65	0.000938	2.32	609.42	111.24	0.17
ELDER	REACH2	5.056	NoSpill 10yr	861.83	30.70	37.69		37.75	0.000880	1.91	450.35	105.54	0.16
ELDER	REACH2	5.056	fvcp nospill	1414.75	30.70	39.29		39.37	0.000901	2.24	631.23	118.05	0.17
ELDER	REACH2	5.009	NoSpill 10yr	861.56	30.60	37.44		37.51	0.001029	2.07	416.31	97.21	0.18
ELDER	REACH2	5.009	fvcp nospill	1414.74	30.60	39.03		39.13	0.001051	2.44	579.99	106.55	0.18
ELDER	REACH2	4.998	NoSpill 10yr	861.54	30.50	37.42		37.46	0.000635	1.66	519.67	118.34	0.14
ELDER	REACH2	4.998	fvcp nospill	1414.74	30.50	39.02		39.08	0.000655	1.97	718.61	128.29	0.15
ELDER	REACH2	4.945	NoSpill 10yr	860.97	30.30	37.17		37.23	0.001000	2.02	425.52	100.76	0.17
ELDER	REACH2	4.945	fvcp nospill	1414.72	30.30	36.76		38.85	0.000995	2.38	595.06	108.70	0.18
ELDER	REACH2	4.887	NoSpill 10yr	884.13	30.10	36.91		36.96	0.000762	1.84	481.63	105.39	0.15
ELDER	REACH2	4.887	fvcp nospill	1437.43	30.10	38.50		38.57	0.000790	2.20	654.27	110.40	0.16
ELDER	REACH2	4.810	NoSpill 10yr	883.75	30.50	36.45		36.54	0.001320	2.40	368.42	82.96	0.20
ELDER	REACH2	4.810	fvcp nospill	1437.40	30.50	37.99		38.12	0.001441	2.85	504.83	93.69	0.22
ELDER	REACH2	4.795	NoSpill 10yr	883.59	30.50	36.35		36.46	0.000760	2.64	335.08	79.57	0.23
ELDER	REACH2	4.795	fvcp nospill	1437.40	30.50	37.89		38.03	0.000877	3.04	472.58	101.02	0.25
ELDER	REACH2	4.713	NoSpill 10yr	883.01	29.84	36.08		36.19	0.000442	2.65	331.71	79.50	0.23
ELDER	REACH2	4.713	fvcp nospill	1437.39	29.84	37.58		37.73	0.000490	3.11	462.26	94.89	0.25
ELDER	REACH2	4.693	NoSpill 10yr	882.59	29.90	35.97	33.40	36.13	0.000737	3.26	270.42	70.06	0.29
ELDER	REACH2	4.693	fvcp nospill	1437.36	29.90	37.44	34.23	37.66	0.000733	3.78	379.86	78.16	0.30
ELDER	REACH2	4.684	Bridge										
ELDER	REACH2	4.671	NoSpill 10yr	881.44	29.90	35.74		35.92	0.000875	3.46	254.04	68.81	0.32
ELDER	REACH2	4.671	fvcp nospill	1437.34	29.90	37.21		37.46	0.000840	3.97	362.14	76.91	0.32
ELDER	REACH2	4.642	NoSpill 10yr	881.31	30.00	35.71		35.82	0.000472	2.64	333.77	85.58	0.24
ELDER	REACH2	4.642	fvcp nospill	1437.32	30.00	37.21		37.35	0.000512	3.02	476.68	106.40	0.25
ELDER	REACH2	4.564	NoSpill 10yr	899.34	28.70	35.30		35.53	0.000909	3.90	230.69	52.21	0.33
ELDER	REACH2	4.564	fvcp nospill	1454.01	28.70	36.66		36.99	0.001272	4.63	313.97	70.77	0.39
ELDER	REACH2	4.485	NoSpill 10yr	920.47	28.60	34.71		34.98	0.001679	4.14	222.26	74.28	0.42
ELDER	REACH2	4.485	fvcp nospill	1472.32	28.60	36.14		36.43	0.001382	4.34	339.58	91.77	0.40
ELDER	REACH2	4.437	NoSpill 10yr	920.39	28.40	34.59		34.71	0.000443	2.70	341.24	80.52	0.23
ELDER	REACH2	4.437	fvcp nospill	1472.31	28.40	36.03		36.19	0.000491	3.15	466.93	94.06	0.25
ELDER	REACH2	4.391	NoSpill 10yr	920.27	28.30	34.47		34.59	0.000484	2.82	326.52	76.75	0.24
ELDER	REACH2	4.391	fvcp nospill	1472.30	28.30	35.89		36.06	0.000544	3.32	442.91	88.62	0.26
ELDER	REACH2	4.343	NoSpill 10yr	933.28	28.20	34.33		34.46	0.000551	2.91	320.99	79.55	0.26
ELDER	REACH2	4.343	fvcp nospill	1482.78	28.20	35.74		35.92	0.000574	3.36	441.55	90.77	0.27
ELDER	REACH2	4.240	NoSpill 10yr	948.06	28.10	33.79	31.45	34.02	0.001046	3.88	244.61	63.20	0.35
ELDER	REACH2	4.240	fvcp nospill	1494.76	28.10	35.08	32.29	35.38	0.001397	4.40	339.66	90.57	0.40
ELDER	REACH2	4.239	Bridge										
ELDER	REACH2	4.229	NoSpill 10yr	948.02	28.10	33.60		33.85	0.001208	4.08	232.61	62.13	0.37
ELDER	REACH2	4.229	fvcp nospill	1494.71	28.10	34.80		35.15	0.001596	4.74	315.24	82.93	0.43
ELDER	REACH2	4.221	NoSpill 10yr	948.04	28.00	33.72		33.81	0.000396	2.48	382.20	94.55	0.22
ELDER	REACH2	4.221	fvcp nospill	1494.73	28.00	34.96		35.09	0.000459	2.94	507.65	108.48	0.24
ELDER	REACH2	4.156	NoSpill 10yr	948.03	28.00	33.60		33.68	0.000343	2.32	408.07	100.00	0.20
ELDER	REACH2	4.156	fvcp nospill	1494.72	28.00	34.82		34.94	0.000410	2.77	539.35	115.98	0.23
ELDER	REACH2	4.112	NoSpill 10yr	948.02	28.00	33.16	31.37	33.47	0.001730	4.45	213.14	66.03	0.44
ELDER	REACH2	4.112	fvcp nospill	1494.71	28.00	34.33	32.27	34.72	0.001674	5.04	296.82	656.51	0.44
ELDER	REACH2	4.105	Bridge										
ELDER	REACH2	4.097	NoSpill 10yr	947.51	28.00	29.88	31.37	35.72	0.052843	19.39	48.87	34.60	2.88
ELDER	REACH2	4.097	fvcp nospill	1494.71	28.00	30.40	32.27	37.90	0.052201	21.99	67.97	39.42	2.95

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH2	4.06	NoSpill 10yr	945.19	21.50	27.44		27.59	0.000277	3.11	304.23	63.53	0.25
ELDER	REACH2	4.06	fvcp nospill	1494.70	21.50	28.89		29.11	0.000313	3.73	400.88	69.39	0.27
ELDER	REACH2	4.009	NoSpill 10yr	958.82	21.30	27.36		27.51	0.000268	3.10	309.57	63.33	0.25
ELDER	REACH2	4.009	fvcp nospill	1503.92	21.30	28.81		29.02	0.000303	3.71	405.20	68.79	0.27
ELDER	REACH2	3.958	NoSpill 10yr	972.36	21.10	27.29		27.44	0.000260	3.09	314.36	62.74	0.24
ELDER	REACH2	3.958	fvcp nospill	1513.08	21.10	28.73		28.94	0.000295	3.70	408.41	67.87	0.27
ELDER	REACH2	3.855	NoSpill 10yr	998.89	20.70	27.14		27.29	0.000250	3.11	321.23	60.72	0.24
ELDER	REACH2	3.855	fvcp nospill	1531.22	20.70	28.56		28.78	0.000288	3.73	410.90	65.37	0.26
ELDER	REACH2	3.842	NoSpill 10yr	998.89	20.70	27.11		27.27	0.000288	3.19	312.74	63.70	0.25
ELDER	REACH2	3.842	fvcp nospill	1531.22	20.70	28.54		28.76	0.000335	3.74	409.94	74.16	0.28
ELDER	REACH2	3.832	NoSpill 10yr	998.88	20.60	27.08	23.52	27.25	0.000323	3.39	294.48	60.06	0.27
ELDER	REACH2	3.832	fvcp nospill	1531.18	20.60	28.49	24.42	28.74	0.000359	3.99	383.55	65.96	0.29
ELDER	REACH2	3.825		Bridge									
ELDER	REACH2	3.816	NoSpill 10yr	998.86	20.60	28.99		27.18	0.000339	3.45	289.38	59.71	0.28
ELDER	REACH2	3.816	fvcp nospill	1531.15	20.60	28.39		28.84	0.000377	4.06	376.70	65.52	0.30
ELDER	REACH2	3.808	NoSpill 10yr	998.84	20.50	26.93		27.16	0.000463	3.84	260.42	57.89	0.32
ELDER	REACH2	3.808	fvcp nospill	1531.11	20.50	28.32		28.62	0.000487	4.44	344.59	63.51	0.34
ELDER	REACH2	3.746	NoSpill 10yr	998.84	20.40	26.78		27.01	0.000469	3.86	259.01	57.65	0.32
ELDER	REACH2	3.746	fvcp nospill	1531.03	20.40	28.15		28.46	0.000496	4.47	342.17	63.17	0.34
ELDER	REACH2	3.698	NoSpill 10yr	998.83	20.30	26.66		26.89	0.000462	3.83	260.77	57.95	0.32
ELDER	REACH2	3.698	fvcp nospill	1530.96	20.30	28.03		28.34	0.000490	4.45	343.93	63.49	0.34
ELDER	REACH2	3.657	NoSpill 10yr	998.83	20.10	26.57		26.79	0.000452	3.80	262.67	58.11	0.32
ELDER	REACH2	3.657	fvcp nospill	1530.92	20.10	27.93		28.23	0.000484	4.43	345.65	63.66	0.33
ELDER	REACH2	3.59	NoSpill 10yr	998.82	20.00	26.41		26.63	0.000445	3.79	263.44	57.84	0.31
ELDER	REACH2	3.59	fvcp nospill	1530.87	20.00	27.76		28.06	0.000483	4.44	345.05	63.21	0.33
ELDER	REACH2	3.496	NoSpill 10yr	998.76	19.70	26.18	23.16	26.41	0.000440	3.86	258.48	54.16	0.31
ELDER	REACH2	3.496	fvcp nospill	1530.82	19.70	27.49	24.03	27.82	0.000502	4.61	332.26	58.59	0.34
ELDER	REACH2	3.490		Bridge									
ELDER	REACH2	3.483	NoSpill 10yr	998.76	19.60	26.03		26.26	0.000455	3.89	256.92	54.73	0.32
ELDER	REACH2	3.483	fvcp nospill	1530.80	19.60	27.31		27.65	0.000521	4.64	329.92	59.20	0.35
ELDER	REACH2	3.442	NoSpill 10yr	998.77	19.50	26.07	22.84	26.19	0.000241	2.78	359.52	81.47	0.23
ELDER	REACH2	3.442	fvcp nospill	1530.81	19.50	27.39	23.40	27.56	0.000258	3.24	473.12	89.63	0.25
ELDER	REACH2	3.431		Bridge									
ELDER	REACH2	3.420	NoSpill 10yr	998.71	19.50	25.96		26.08	0.000259	2.85	350.56	80.77	0.24
ELDER	REACH2	3.420	fvcp nospill	1530.80	19.50	27.28		27.45	0.000276	3.31	462.59	88.91	0.26
ELDER	REACH2	3.419	NoSpill 10yr	998.71	19.50	25.96		26.08	0.000260	2.82	354.58	83.45	0.24
ELDER	REACH2	3.419	fvcp nospill	1530.78	19.50	27.28		27.44	0.000276	3.24	471.98	94.01	0.26
ELDER	REACH2	3.286	NoSpill 10yr	997.10	18.90	25.36		25.71	0.000826	4.78	208.81	52.02	0.42
ELDER	REACH2	3.286	fvcp nospill	1530.77	18.90	26.58		27.05	0.000901	5.55	275.90	58.37	0.45
ELDER	REACH2	3.141	NoSpill 10yr	1029.02	18.30	24.44		24.89	0.001250	5.41	190.12	54.00	0.51
ELDER	REACH2	3.141	fvcp nospill	1552.21	18.30	25.72		26.25	0.001165	5.84	265.59	63.75	0.50
ELDER	REACH2	3.092	NoSpill 10yr	1029.02	18.30	24.47	21.35	24.67	0.000376	3.60	285.49	59.55	0.29
ELDER	REACH2	3.092	fvcp nospill	1552.20	18.30	25.76	22.15	26.04	0.000420	4.25	364.88	64.05	0.31
ELDER	REACH2	3.081		Bridge									
ELDER	REACH2	3.071	NoSpill 10yr	1028.97	18.30	24.37		24.58	0.000400	3.68	279.26	59.18	0.30
ELDER	REACH2	3.071	fvcp nospill	1504.82	18.30	25.63		25.91	0.000421	4.22	356.79	63.61	0.31
ELDER	REACH2	3.07	NoSpill 10yr	1028.48	18.20	23.98		24.60	0.001738	6.34	162.20	46.16	0.60
ELDER	REACH2	3.07	fvcp nospill	1503.84	18.20	25.23		25.92	0.001545	6.69	224.82	53.99	0.58
ELDER	REACH2	3.01	NoSpill 10yr	1028.27	18.00	23.88		24.20	0.000715	4.55	225.77	54.11	0.39
ELDER	REACH2	3.01	fvcp nospill	1503.54	18.00	25.17		25.56	0.000691	5.03	299.14	59.94	0.40
ELDER	REACH2	2.944	NoSpill 10yr	1033.85	17.20	23.27		23.82	0.001445	5.96	173.59	47.18	0.55
ELDER	REACH2	2.944	fvcp nospill	1520.44	17.20	24.58		25.20	0.001300	6.32	240.66	55.20	0.53
ELDER	REACH2	2.861	NoSpill 10yr	1042.41	16.85	22.72		23.23	0.001224	5.69	183.23	46.89	0.51
ELDER	REACH2	2.861	fvcp nospill	1543.39	16.85	24.06		24.65	0.001148	6.16	250.41	54.00	0.50



HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH2	2.794	NoSpill 10yr	1051.32	16.50	22.81		22.91	0.000202	2.47	425.68	102.13	0.21
ELDER	REACH2	2.794	fvcp nospill	1583.64	16.50	24.22		24.33	0.000186	2.71	576.74	112.88	0.21
ELDER	REACH2	2.736	NoSpill 10yr	1049.90	16.38	22.46		22.79	0.000706	4.60	228.32	53.30	0.39
ELDER	REACH2	2.736	fvcp nospill	1561.94	16.38	23.81		24.22	0.000684	5.14	303.73	58.10	0.40
ELDER	REACH2	2.673	NoSpill 10yr	1060.81	16.00	22.20	19.74	22.55	0.000696	4.75	223.25	48.63	0.39
ELDER	REACH2	2.673	fvcp nospill	1585.22	16.00	23.51	20.63	23.98	0.000731	5.48	289.51	52.28	0.41
ELDER	REACH2	2.665		Bridge									
ELDER	REACH2	2.656	NoSpill 10yr	1059.57	16.00	22.02		22.40	0.000778	4.93	214.76	48.14	0.41
ELDER	REACH2	2.656	fvcp nospill	1583.69	16.00	23.31		23.81	0.000812	5.88	278.98	51.72	0.43
ELDER	REACH2	2.603	NoSpill 10yr	1089.87	15.90	21.81		22.18	0.000755	4.87	219.68	48.31	0.40
ELDER	REACH2	2.603	fvcp nospill	1605.38	15.90	23.06		23.56	0.000822	5.67	282.93	52.35	0.43
ELDER	REACH2	2.546	NoSpill 10yr	1079.46	15.68	21.43		21.89	0.001087	5.47	197.45	49.25	0.48
ELDER	REACH2	2.546	fvcp nospill	1627.15	15.68	22.65		23.26	0.001113	6.23	261.15	54.07	0.50
ELDER	REACH2	2.487	NoSpill 10yr	1091.14	16.00	21.15		21.55	0.001013	5.12	212.99	56.24	0.46
ELDER	REACH2	2.487	fvcp nospill	1650.55	16.00	22.40		22.92	0.000976	5.75	287.00	61.56	0.47
ELDER	REACH2	2.354	NoSpill 10yr	1117.16	14.88	20.62		20.93	0.000721	4.45	250.96	63.71	0.40
ELDER	REACH2	2.354	fvcp nospill	1701.61	14.88	21.89		22.28	0.000743	5.05	337.19	72.39	0.41
ELDER	REACH2	2.269	NoSpill 10yr	1117.15	14.80	20.34	17.58	20.63	0.000590	4.34	257.25	53.00	0.35
ELDER	REACH2	2.269	fvcp nospill	1701.60	14.80	21.52	18.45	21.96	0.000697	5.32	319.87	53.00	0.38
ELDER	REACH2	2.258		Bridge									
ELDER	REACH2	2.250	NoSpill 10yr	1116.92	14.90	19.36		19.83	0.001169	5.50	203.00	50.41	0.48
ELDER	REACH2	2.250	fvcp nospill	1699.58	14.90	20.65		21.26	0.001164	6.27	270.92	53.00	0.49
ELDER	REACH2	2.219	NoSpill 10yr	1116.88	13.60	19.33		19.67	0.000863	4.67	239.13	64.63	0.43
ELDER	REACH2	2.219	fvcp nospill	1699.76	13.60	20.69		21.10	0.000770	5.12	332.08	71.40	0.42
ELDER	REACH2	2.149	NoSpill 10yr	1123.72	13.26	19.04		19.36	0.000782	4.51	248.98	65.93	0.41
ELDER	REACH2	2.149	fvcp nospill	1711.09	13.26	20.44		20.82	0.000689	4.95	345.63	71.95	0.40
ELDER	REACH2	2.098	NoSpill 10yr	1128.55	12.91	18.80		19.14	0.000835	4.64	243.17	64.81	0.42
ELDER	REACH2	2.098	fvcp nospill	1718.98	12.91	20.24		20.63	0.000721	5.04	340.85	71.38	0.41
ELDER	REACH2	2.036	NoSpill 10yr	1134.11	12.57	18.46		18.83	0.000996	4.93	230.11	64.02	0.46
ELDER	REACH2	2.036	fvcp nospill	1728.13	12.57	19.96		20.38	0.000794	5.22	331.27	70.92	0.43
ELDER	REACH2	1.978	NoSpill 10yr	1139.07	12.13	18.28		18.58	0.000660	4.39	259.53	62.72	0.38
ELDER	REACH2	1.978	fvcp nospill	1736.97	12.13	19.80		20.16	0.000595	4.82	360.19	69.51	0.37
ELDER	REACH2	1.921	NoSpill 10yr	1139.02	12.00	18.22		18.45	0.000211	3.83	297.36	66.41	0.32
ELDER	REACH2	1.921	fvcp nospill	1736.78	12.00	19.76		20.04	0.000203	4.28	405.68	74.26	0.32
ELDER	REACH2	1.908	NoSpill 10yr	1139.06	10.80	18.27	14.32	18.43	0.000111	3.22	353.55	80.17	0.23
ELDER	REACH2	1.908	fvcp nospill	1736.88	10.80	19.80	15.11	20.03	0.000128	3.88	447.22	82.75	0.26
ELDER	REACH2	1.893		Bridge									
ELDER	REACH2	1.865	NoSpill 10yr	1137.79	10.70	17.63		17.82	0.000148	3.54	321.04	59.22	0.27
ELDER	REACH2	1.865	fvcp nospill	1732.98	10.70	19.26		19.53	0.000153	4.12	420.24	62.08	0.28
ELDER	REACH2	1.864	NoSpill 10yr	1137.61	10.50	17.52		17.82	0.000240	4.42	257.28	48.85	0.34
ELDER	REACH2	1.864	fvcp nospill	1732.10	10.50	19.13		19.53	0.000255	5.10	339.79	53.69	0.36
ELDER	REACH2	1.663	NoSpill 10yr	1136.45	8.80	16.97		17.34	0.000675	4.86	233.61	47.18	0.39
ELDER	REACH2	1.663	fvcp nospill	1728.63	8.80	18.54		19.02	0.000710	5.51	313.50	54.34	0.40
ELDER	REACH2	1.495	NoSpill 10yr	1134.96	8.50	16.35		16.73	0.000697	4.93	230.41	46.68	0.39
ELDER	REACH2	1.495	fvcp nospill	1724.69	8.50	17.88		18.37	0.000744	5.62	308.92	53.43	0.41
ELDER	REACH2	1.336	NoSpill 10yr	1134.14	7.50	15.99		16.25	0.000441	4.13	274.55	50.90	0.31
ELDER	REACH2	1.336	fvcp nospill	1722.63	7.50	17.49		17.85	0.000495	4.86	354.50	55.81	0.34
ELDER	REACH2	1.305	NoSpill 10yr	1134.33	6.50	16.05	10.87	16.20	0.000208	3.09	386.88	59.62	0.22
ELDER	REACH2	1.305	fvcp nospill	1723.19	6.50	17.57	11.88	17.79	0.000260	3.71	464.09	67.81	0.25
ELDER	REACH2	1.292		Bridge									
ELDER	REACH2	1.281	NoSpill 10yr	1134.10	6.50	15.97		16.12	0.000215	3.13	362.37	59.21	0.22
ELDER	REACH2	1.281	fvcp nospill	1722.57	6.50	17.47		17.69	0.000271	3.77	456.84	67.23	0.25
ELDER	REACH2	1.280	NoSpill 10yr	1133.95	7.10	15.91		16.12	0.000328	3.71	305.78	53.45	0.27
ELDER	REACH2	1.280	fvcp nospill	1722.14	7.10	17.38		17.69	0.000386	4.44	387.65	57.93	0.30

HEC-RAS Profile: Max WS (Continued)

River	Reach	River Sta	Plan	Q Total (cfs)	Min Ch El (ft)	W.S. Elev (ft)	Crit W.S. (ft)	E.G. Elev (ft)	E.G. Slope (ft/ft)	Vel Chnl (ft/s)	Flow Area (sq ft)	Top Width (ft)	Froude # Chl
ELDER	REACH2	1.263	NoSpill 10yr	1304.90	7.10	15.80		16.03	0.000362	3.88	336.22	80.46	0.29
ELDER	REACH2	1.263	fvcp nospill	1894.91	7.10	17.29		17.59	0.000384	4.39	432.10	67.42	0.31
ELDER	REACH2	1.148	NoSpill 10yr	1304.29	6.90	15.44		15.76	0.000520	4.52	288.47	53.09	0.34
ELDER	REACH2	1.148	fvcp nospill	1893.42	6.90	16.90		17.31	0.000549	5.12	370.01	58.63	0.36
ELDER	REACH2	0.949	NoSpill 10yr	1303.66	6.50	14.92		15.23	0.000495	4.47	291.35	52.52	0.33
ELDER	REACH2	0.949	fvcp nospill	1891.76	6.50	16.33		16.74	0.000537	5.13	369.11	57.41	0.36
ELDER	REACH2	0.835	NoSpill 10yr	1303.41	6.00	14.61		14.93	0.000517	4.51	288.72	53.05	0.34
ELDER	REACH2	0.835	fvcp nospill	1890.76	6.00	16.00		16.41	0.000562	5.17	365.84	58.13	0.36
ELDER	REACH2	0.804	NoSpill 10yr	1303.44	6.00	14.64	10.55	14.86	0.000316	3.73	349.89	60.40	0.27
ELDER	REACH2	0.804	fvcp nospill	1891.04	6.00	16.05	11.44	16.34	0.000352	4.31	438.44	65.59	0.29
ELDER	REACH2	0.797		Bridge									
ELDER	REACH2	0.789	NoSpill 10yr	1303.35	6.00	14.58		14.80	0.000325	3.77	346.15	60.17	0.28
ELDER	REACH2	0.789	fvcp nospill	1890.65	6.00	15.97		16.27	0.000363	4.36	433.50	65.31	0.30
ELDER	REACH2	0.788	NoSpill 10yr	1303.22	5.90	14.44		14.80	0.000600	4.84	269.37	49.62	0.37
ELDER	REACH2	0.788	fvcp nospill	1890.18	5.90	15.79		16.27	0.000668	5.56	339.97	54.88	0.39
ELDER	REACH2	0.76	NoSpill 10yr	1303.19	5.90	14.37		14.71	0.000556	4.67	279.06	51.43	0.35
ELDER	REACH2	0.76	fvcp nospill	1890.06	5.90	15.72		16.17	0.000620	5.37	352.12	56.97	0.38
ELDER	REACH2	0.671	NoSpill 10yr	1303.07	5.60	14.19		14.48	0.000441	4.29	303.45	53.50	0.32
ELDER	REACH2	0.671	fvcp nospill	1889.59	5.60	15.52		15.91	0.000503	5.01	377.34	57.99	0.35
ELDER	REACH2	0.587	NoSpill 10yr	1302.76	5.40	13.72		14.19	0.000873	5.50	237.06	47.93	0.44
ELDER	REACH2	0.587	fvcp nospill	1887.96	5.40	14.97		15.58	0.000966	6.28	300.43	53.52	0.47
ELDER	REACH2	0.574	NoSpill 10yr	1302.89	5.30	13.94		14.14	0.000295	3.58	363.55	63.21	0.26
ELDER	REACH2	0.574	fvcp nospill	1888.82	5.30	15.25		15.53	0.000340	4.20	449.95	68.36	0.29
ELDER	REACH2	0.569	NoSpill 10yr	1302.89	5.50	13.91	10.14	14.13	0.000328	3.73	349.47	61.41	0.28
ELDER	REACH2	0.569	fvcp nospill	1888.76	5.50	15.22	10.95	15.52	0.000396	4.35	433.13	68.67	0.31
ELDER	REACH2	0.556		Bridge									
ELDER	REACH2	0.543	NoSpill 10yr	1302.82	5.50	13.80		14.02	0.000349	3.81	342.25	61.06	0.28
ELDER	REACH2	0.543	fvcp nospill	1888.21	5.50	15.06		15.37	0.000410	4.47	422.45	66.34	0.31
ELDER	REACH2	0.394	NoSpill 10yr	1302.74	4.80	13.63		13.80	0.000222	3.23	403.75	65.16	0.23
ELDER	REACH2	0.394	fvcp nospill	1887.79	4.80	14.87		15.10	0.000272	3.88	486.71	69.06	0.26
ELDER	REACH2	0.388	NoSpill 10yr	1924.18	4.80	13.16		13.58	0.000606	5.15	373.51	63.66	0.37
ELDER	REACH2	0.388	fvcp nospill	2610.67	4.80	14.34		14.86	0.000649	5.80	450.38	67.39	0.40
ELDER	REACH2	0.216	NoSpill 10yr	1924.10	4.30	12.52		12.99	0.000698	5.45	353.13	61.48	0.40
ELDER	REACH2	0.216	fvcp nospill	2610.48	4.30	13.63		14.22	0.000766	6.17	422.87	65.09	0.43
ELDER	REACH2	0.2	NoSpill 10yr	1924.10	4.30	12.45		12.93	0.000724	5.52	348.76	61.25	0.41
ELDER	REACH2	0.2	fvcp nospill	2610.48	4.30	13.55		14.15	0.000793	6.25	417.65	64.82	0.43
ELDER	REACH2	0.019	NoSpill 10yr	1924.08	5.50	11.11	9.52	11.87	0.001500	6.99	275.16	59.99	0.58
ELDER	REACH2	0.019	fvcp nospill	2610.45	5.50	12.14	10.33	13.06	0.001500	7.71	338.80	63.49	0.59