

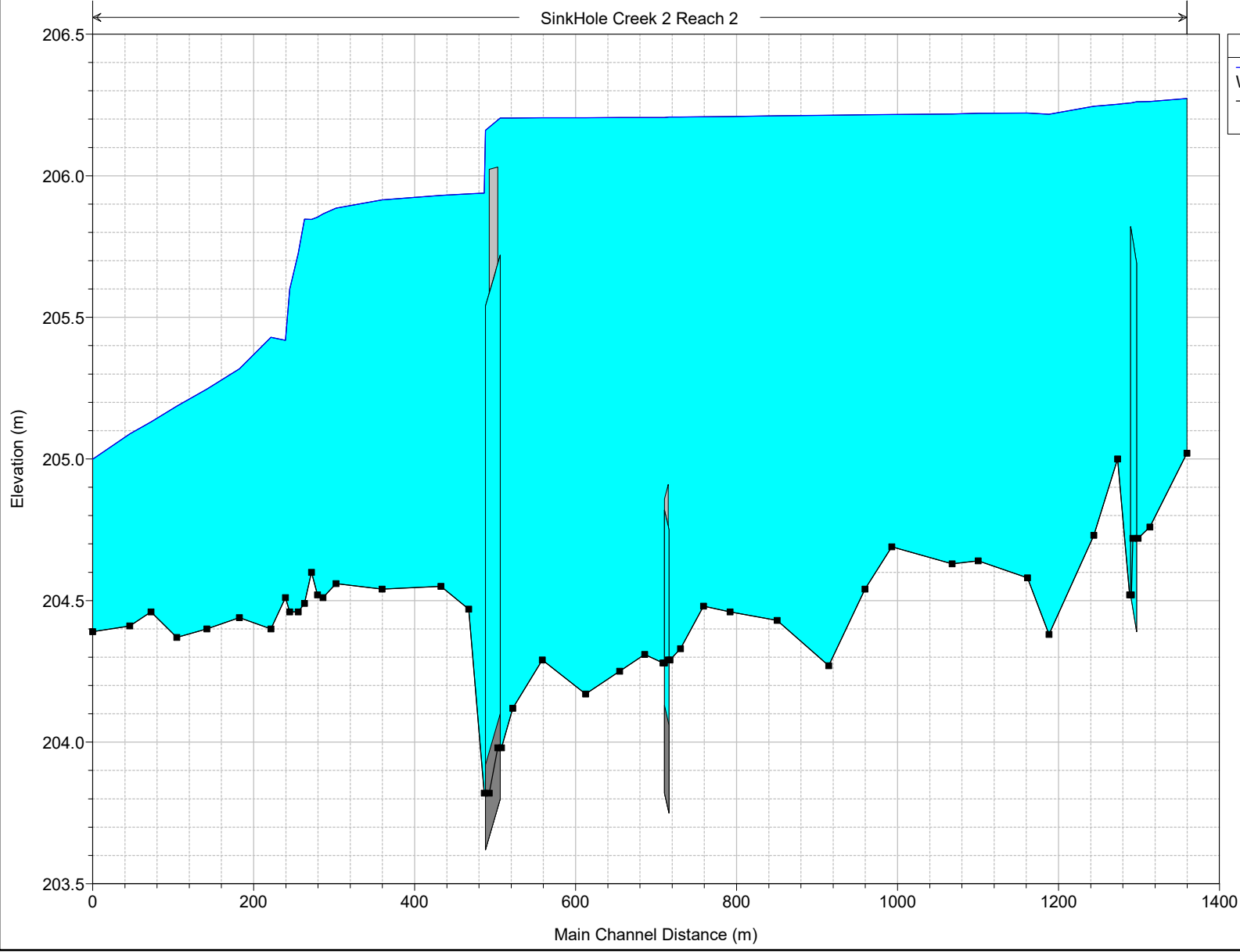
# APPENDIX F6

HEC-RAS Outputs

SinkHole Creek 2 Reach 2

**Legend**

- WS 100-year
- Ground

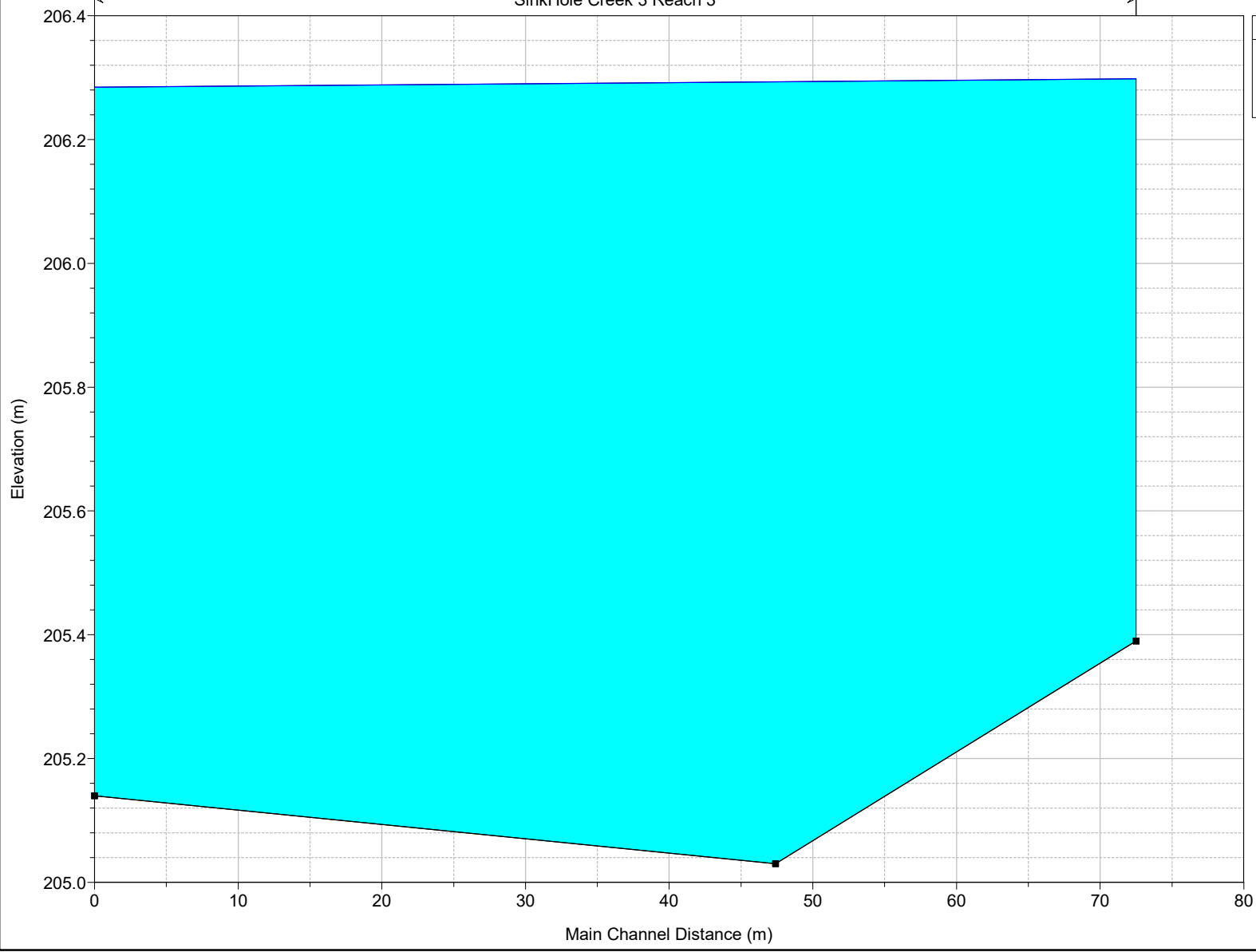


SinkHole Creek 3 Reach 3

**Legend**

WS 100-year

Ground

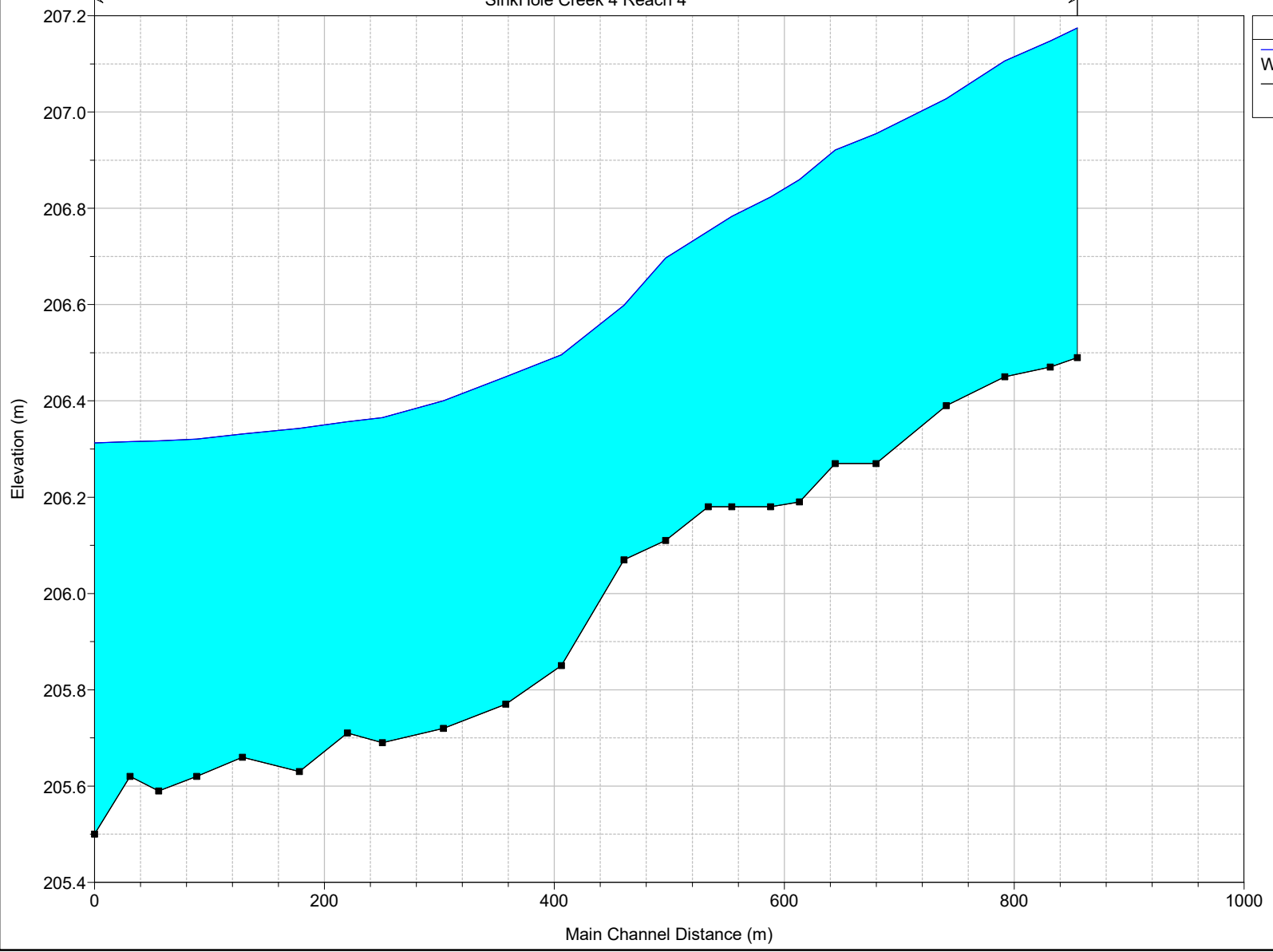


SinkHole Creek 4 Reach 4

Legend

WS 100-year

Ground

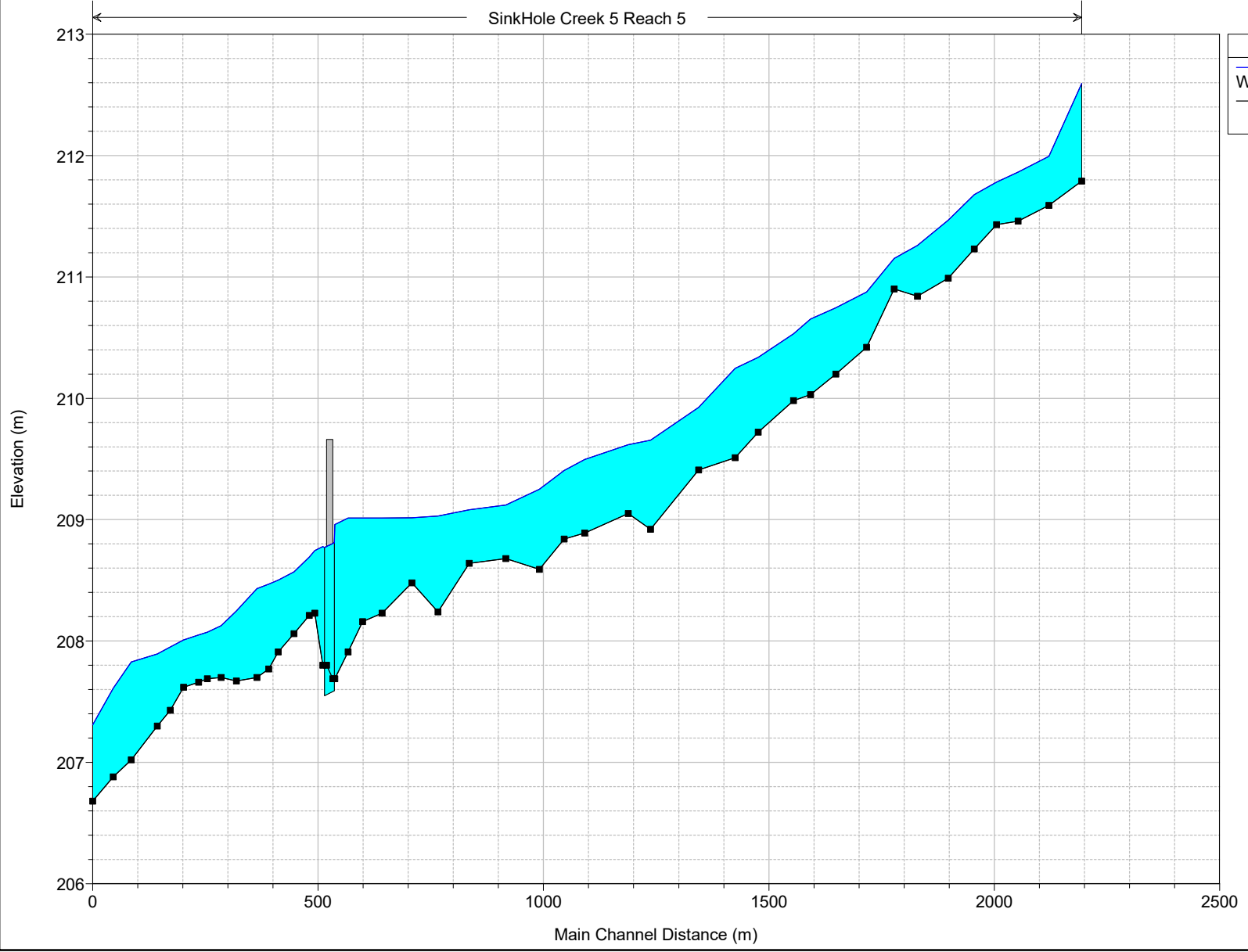


SinkHole Creek 5 Reach 5

**Legend**

WS 100-year

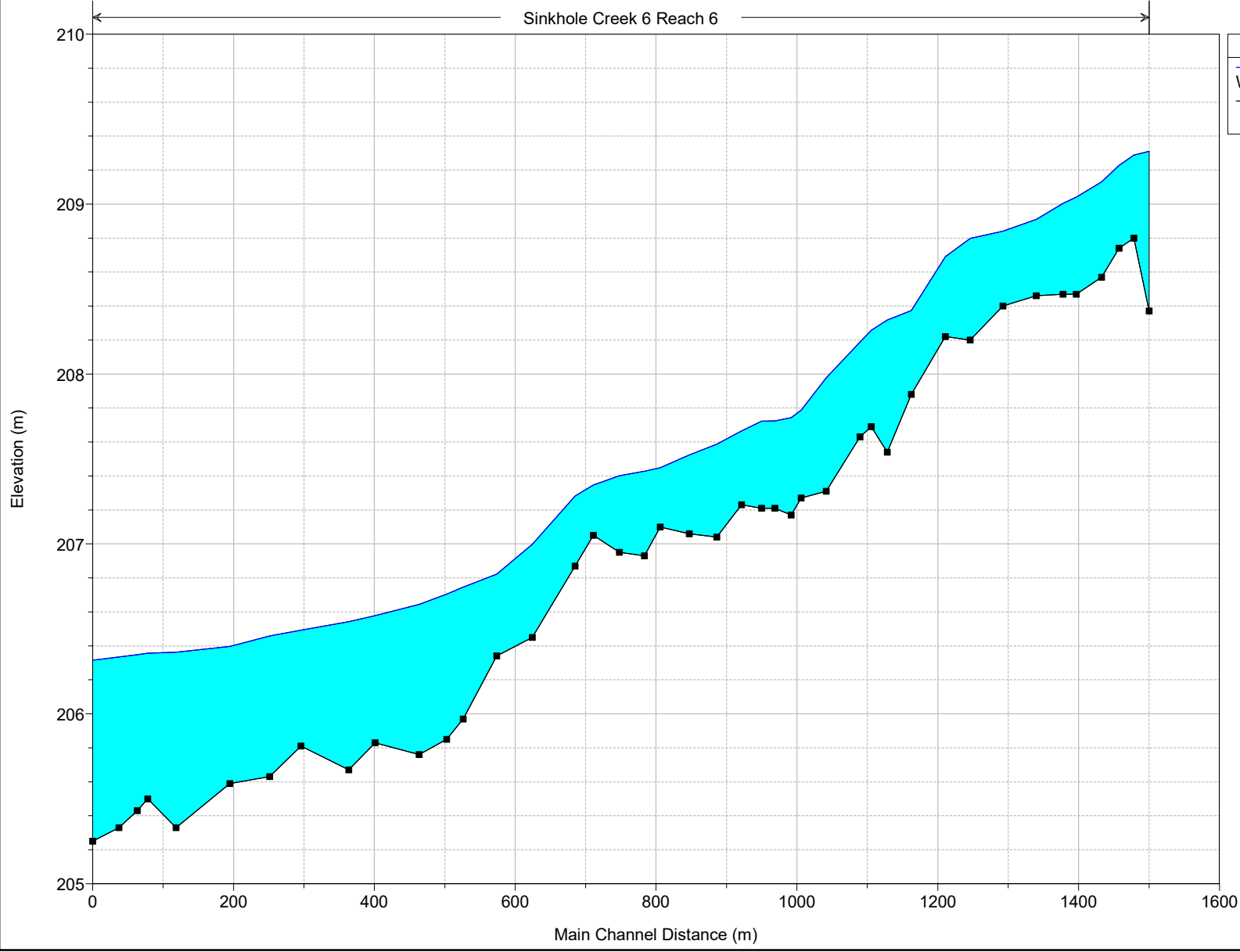
Ground



Sinkhole Creek 6 Reach 6

**Legend**

- WS 100-year
- Ground

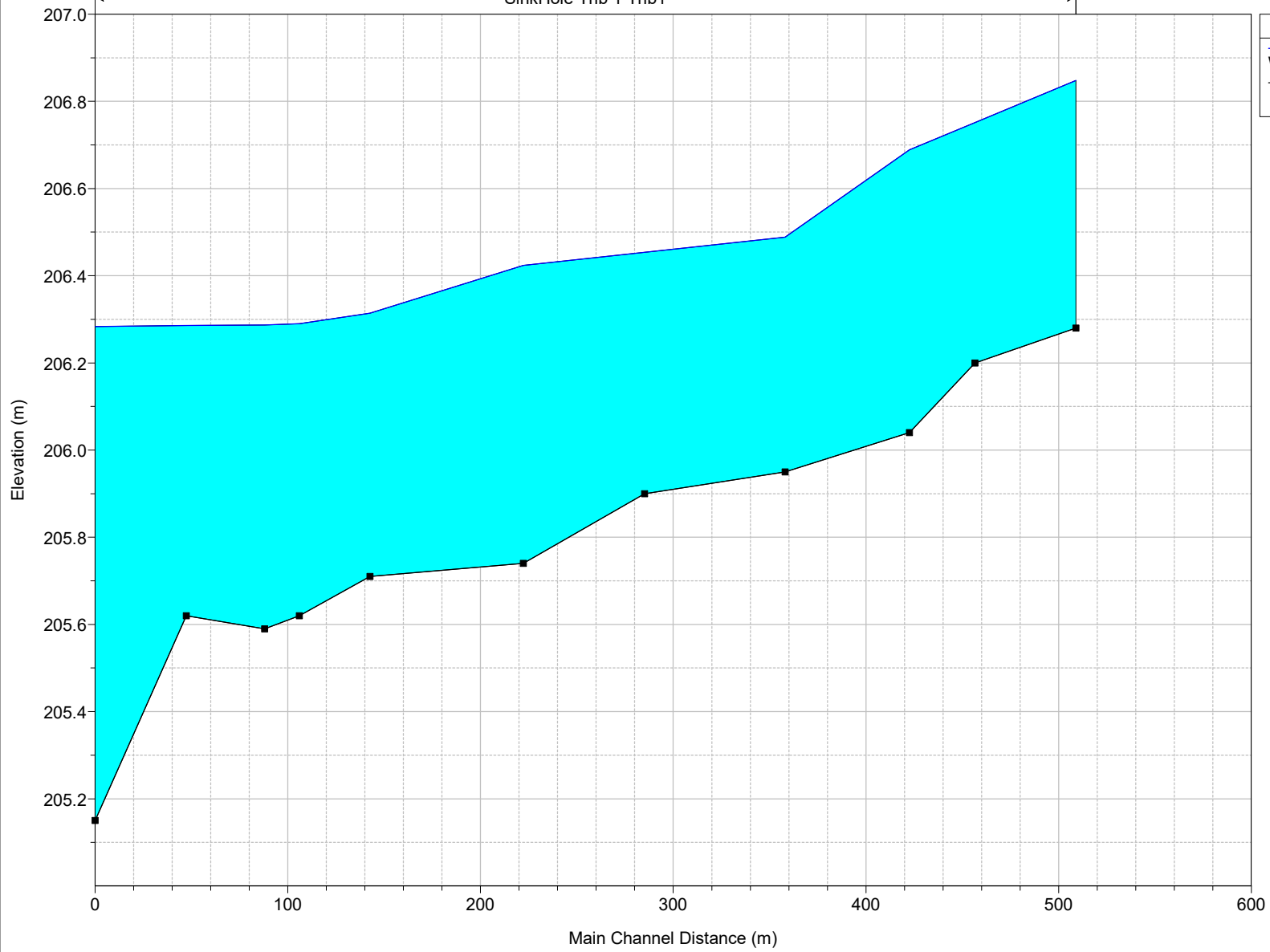


SinkHole Trib 1 Trib1

**Legend**

WS 100-year

Ground

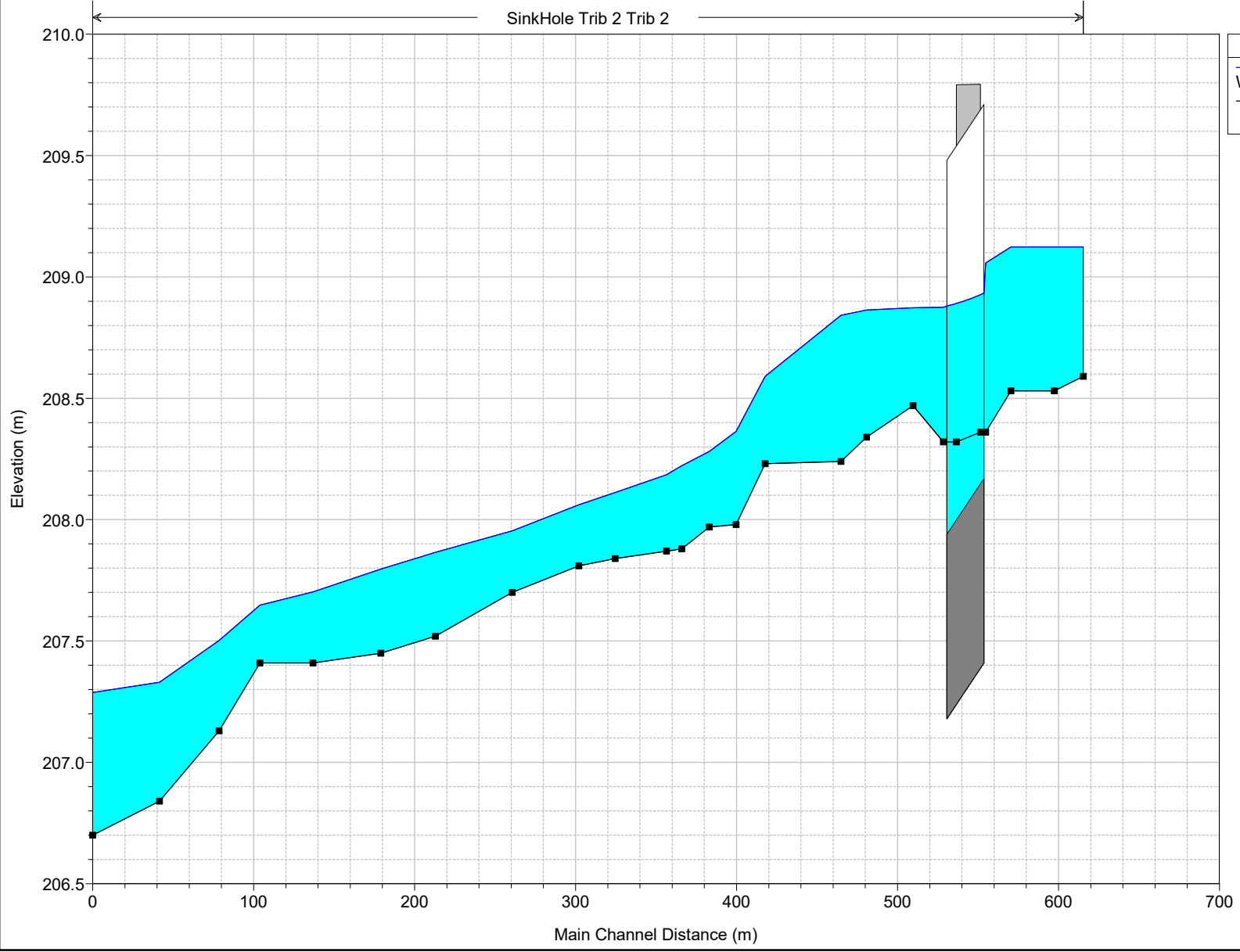


SinkHole Trib 2 Trib 2

**Legend**

WS 100-year

Ground



HEC-RAS Plan: SinkholeCreek-20251117 Profile: 100-year

River	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
SinkHole Trib 2	Trib 2	636	100-year	2.83	208.59	209.12	208.70	209.12	0.000039	0.12	28.78	82.77	0.05
SinkHole Trib 2	Trib 2	635		Lat Struct									
SinkHole Trib 2	Trib 2	618	100-year	2.77	208.53	209.12		209.12	0.000020	0.09	43.58	134.57	0.04
SinkHole Trib 2	Trib 2	591	100-year	2.60	208.53	209.12		209.12	0.000005	0.05	65.75	149.71	0.02
SinkHole Trib 2	Trib 2	575	100-year	2.31	208.36	209.06	208.84	209.11	0.002858	1.01	2.35	130.30	0.44
SinkHole Trib 2	Trib 2	560		Culvert									
SinkHole Trib 2	Trib 2	548	100-year	2.56	208.32	208.87	208.70	208.94	0.004186	1.15	2.22	129.89	0.52
SinkHole Trib 2	Trib 2	529	100-year	2.56	208.47	208.87		208.88	0.000904	0.43	8.74	32.93	0.23
SinkHole Trib 2	Trib 2	500	100-year	2.56	208.34	208.86		208.87	0.000242	0.27	11.28	29.76	0.13
SinkHole Trib 2	Trib 2	485	100-year	2.56	208.24	208.84		208.86	0.001006	0.59	5.70	19.45	0.26
SinkHole Trib 2	Trib 2	437	100-year	2.56	208.23	208.59	208.59	208.73	0.017238	1.65	1.71	7.32	0.97
SinkHole Trib 2	Trib 2	419	100-year	2.56	207.98	208.36		208.40	0.005261	0.90	3.18	19.02	0.54
SinkHole Trib 2	Trib 2	403	100-year	2.56	207.97	208.28		208.31	0.005709	0.75	3.61	20.26	0.53
SinkHole Trib 2	Trib 2	386	100-year	2.56	207.88	208.22		208.24	0.002774	0.60	4.94	33.23	0.38
SinkHole Trib 2	Trib 2	376	100-year	2.56	207.87	208.18		208.21	0.004119	0.67	4.08	23.90	0.46
SinkHole Trib 2	Trib 2	344	100-year	2.56	207.84	208.11		208.12	0.001738	0.44	6.10	33.90	0.30
SinkHole Trib 2	Trib 2	322	100-year	2.56	207.81	208.06		208.07	0.003004	0.52	9.47	62.03	0.38
SinkHole Trib 2	Trib 2	280	100-year	2.56	207.70	207.95		207.96	0.002569	0.50	9.69	84.96	0.36
SinkHole Trib 2	Trib 2	233	100-year	2.56	207.52	207.87		207.87	0.001471	0.48	10.10	92.12	0.28
SinkHole Trib 2	Trib 2	199	100-year	2.56	207.45	207.80		207.81	0.002536	0.68	9.05	60.71	0.38
SinkHole Trib 2	Trib 2	157	100-year	2.56	207.41	207.70		207.71	0.002291	0.55	8.32	51.74	0.35
SinkHole Trib 2	Trib 2	124	100-year	2.56	207.41	207.65	207.54	207.65	0.001419	0.37	10.45	69.61	0.26
SinkHole Trib 2	Trib 2	98	100-year	2.56	207.13	207.50	207.50	207.56	0.015859	1.16	3.31	51.63	0.86
SinkHole Trib 2	Trib 2	61	100-year	2.56	206.84	207.33	207.16	207.35	0.002704	0.57	4.62	24.45	0.35
SinkHole Trib 2	Trib 2	20	100-year	2.56	206.70	207.29		207.30	0.000657	0.43	7.39	47.81	0.20
SinkHole Trib 1	Trib 1	544	100-year	3.40	206.28	206.85		206.86	0.002171	0.67	8.73	48.76	0.32
SinkHole Trib 1	Trib 1	491	100-year	4.08	206.20	206.75		206.77	0.001591	0.71	8.90	35.70	0.32
SinkHole Trib 1	Trib 1	457	100-year	4.08	206.04	206.69	206.57	206.71	0.002053	0.82	9.18	105.56	0.36
SinkHole Trib 1	Trib 1	393	100-year	4.08	205.95	206.49		206.52	0.004288	0.99	6.39	30.72	0.50
SinkHole Trib 1	Trib 1	390		Lat Struct									
SinkHole Trib 1	Trib 1	320	100-year	4.19	205.90	206.45		206.46	0.000298	0.28	21.83	84.69	0.14
SinkHole Trib 1	Trib 1	319		Lat Struct									
SinkHole Trib 1	Trib 1	257	100-year	3.60	205.74	206.42		206.43	0.000629	0.45	12.24	43.55	0.20
SinkHole Trib 1	Trib 1	256		Lat Struct									
SinkHole Trib 1	Trib 1	177	100-year	3.73	205.71	206.31		206.33	0.002558	0.88	7.98	44.22	0.40
SinkHole Trib 1	Trib 1	140	100-year	3.73	205.62	206.29	206.13	206.29	0.000477	0.41	16.18	115.86	0.17
SinkHole Trib 1	Trib 1	122	100-year	3.73	205.59	206.29	206.01	206.29	0.000129	0.22	26.83	132.87	0.09
SinkHole Trib 1	Trib 1	82	100-year	3.73	205.62	206.29		206.29	0.000029	0.10	50.51	128.92	0.04
SinkHole Trib 1	Trib 1	81		Lat Struct									
SinkHole Trib 1	Trib 1	34	100-year	4.08	205.15	206.28		206.28	0.000050	0.18	41.59	101.65	0.06
Sinkhole Creek 6	Reach 6	1535	100-year	8.99	208.37	209.31		209.31	0.000156	0.23	38.81	101.87	0.08
Sinkhole Creek 6	Reach 6	1513	100-year	8.99	208.80	209.29		209.30	0.002006	0.48	19.42	69.87	0.24
Sinkhole Creek 6	Reach 6	1492	100-year	8.99	208.74	209.23		209.25	0.004019	0.83	19.02	76.98	0.39
Sinkhole Creek 6	Reach 6	1467	100-year	8.99	208.57	209.13	208.94	209.15	0.003411	0.61	19.09	83.63	0.27
Sinkhole Creek 6	Reach 6	1431	100-year	8.99	208.47	209.04		209.05	0.002962	0.82	22.18	66.43	0.35
Sinkhole Creek 6	Reach 6	1412	100-year	8.99	208.47	209.00		209.01	0.001731	0.61	28.07	74.24	0.27
Sinkhole Creek 6	Reach 6	1374	100-year	8.99	208.46	208.91		208.92	0.003488	0.76	22.65	73.42	0.37
Sinkhole Creek 6	Reach 6	1327	100-year	8.99	208.40	208.84		208.85	0.001010	0.41	36.72	106.39	0.20
Sinkhole Creek 6	Reach 6	1281	100-year	8.99	208.20	208.80		208.80	0.000994	0.47	29.04	77.65	0.20
Sinkhole Creek 6	Reach 6	1245	100-year	8.99	208.22	208.69		208.73	0.008137	1.15	12.93	56.77	0.56
Sinkhole Creek 6	Reach 6	1197	100-year	8.99	207.88	208.37		208.40	0.006384	0.75	13.59	48.86	0.36
Sinkhole Creek 6	Reach 6	1163	100-year	8.99	207.54	208.32		208.33	0.000772	0.48	21.37	49.79	0.19
Sinkhole Creek 6	Reach 6	1140	100-year	8.99	207.69	208.26		208.29	0.004399	0.85	11.81	38.17	0.41
Sinkhole Creek 6	Reach 6	1124	100-year	8.99	207.63	208.19		208.22	0.004108	0.82	12.09	37.65	0.40
Sinkhole Creek 6	Reach 6	1076	100-year	8.99	207.31	207.98	207.83	208.01	0.005213	0.93	14.18	70.89	0.45
Sinkhole Creek 6	Reach 6	1041	100-year	8.99	207.27	207.79		207.81	0.005825	0.79	15.93	85.70	0.45
Sinkhole Creek 6	Reach 6	1026	100-year	8.99	207.17	207.74	207.52	207.75	0.000791	0.29	31.61	120.38	0.16
Sinkhole Creek 6	Reach 6	1003	100-year	8.99	207.21	207.72	207.50	207.73	0.000951	0.31	26.96	121.69	0.18
Sinkhole Creek 6	Reach 6	984	100-year	9.63	207.21	207.72		207.73	0.000489	0.22	36.34	114.65	0.13
Sinkhole Creek 6	Reach 6	956	100-year	9.63	207.23	207.67		207.67	0.001390	0.32	37.85	122.29	0.18
Sinkhole Creek 6	Reach 6	920	100-year	9.63	207.04	207.59		207.59	0.001185	0.33	35.75	109.71	0.16
Sinkhole Creek 6	Reach 6	881	100-year	9.63	207.06	207.52		207.53	0.001374	0.25	39.88	121.33	0.13
Sinkhole Creek 6	Reach 6	840	100-year	9.90	207.10	207.45		207.45	0.001701	0.42	32.39	117.22	0.24
Sinkhole Creek 6	Reach 6	818	100-year	9.90	206.93	207.43		207.43	0.000544	0.29	47.81	229.89	0.15
Sinkhole Creek 6	Reach 6	782	100-year	9.90	206.95	207.40		207.41	0.001138	0.39	35.64	116.17	0.20
Sinkhole Creek 6	Reach 6	745	100-year	9.90	207.05	207.35		207.35	0.002250	0.46	29.11	113.08	0.27
Sinkhole Creek 6	Reach 6	719	100-year	9.90	206.87	207.28		207.29	0.002547	0.52	26.12	104.47	0.30
Sinkhole Creek 6	Reach 6	659	100-year	9.90	206.45	207.00		207.02	0.009105	0.85	17.41	105.37	0.51
Sinkhole Creek 6	Reach 6	608	100-year	9.90	206.34	206.82		206.83	0.002087	0.66	23.47	83.95	0.35
Sinkhole Creek 6	Reach 6	560	100-year	9.90	205.97	206.75		206.76	0.001446	0.68	27.44	86.80	0.30
Sinkhole Creek 6	Reach 6	537	100-year	9.90	205.85	206.70		206.72	0.001522	0.74	28.32	87.50	0.30
Sinkhole Creek 6	Reach 6	498	100-year	9.90	205.76	206.64	206.43	206.66	0.001247	0.65	24.42	68.98	0.29
Sinkhole Creek 6	Reach 6	435	100-year	9.90	205.83	206.58	206.36	206.59	0.000958	0.61	29.27	87.86	0.26
Sinkhole Creek 6	Reach 6	398	100-year	9.90	205.67	206.54		206.55	0.000864	0.66	29.36	74.21	0.25
Sinkhole Creek 6	Reach 6	330	100-year	9.90	205.81	206.49		206.50	0.000594	0.51	31.05	90.01	0.21
Sinkhole Creek 6	Reach 6	286	100-year	9.79	205.63	206.46		206.47	0.000687	0.59	27.36	66.89	0.23
Sinkhole Creek 6	Reach 6	229	100-year	10.38	205.59	206.40		206.41	0.001294	0.79	22.86	57.74	0.31
Sinkhole Creek 6	Reach 6	153	100-year	10.25	205.33	206.36		206.37	0.000299	0.42	40.57	99.71	0.15
Sinkhole Creek 6	Reach 6	112	100-year	10.25	205.50	206.36		206.36	0.000138	0.26	64.33	145.88	0.10
Sinkhole Creek 6	Reach 6	98	100-year	10.25	205.43	206.35		206.35	0.000570	0.55	36.47	75.62	0.20
Sinkhole Creek 6	Reach 6	72	100-year	10.25	205.33	206.33		206.34	0.000435	0.52	31.33	61.87	0.18
Sinkhole Creek 6	Reach 6	35	100-year	10.25	205.25	206.32		206.33	0.000541	0.60	29.41	58.05	0.21
SinkHole Creek 5	Reach 5	2228	100-year	2.20	211.79	212.59	212.56	212.63	0.005461	1.05	4.19	31.23	0.52
SinkHole Creek 5	Reach 5	2156	100-year	2.20	211.59	211.99	211.99	212.05	0.011575	1.30	2.78	23.40	0.77
SinkHole Creek 5	Reach 5	2087	100-year	2.20	211.46	211.86		211.87	0.000780	0.41	9.38	62.76	0.21
SinkHole Creek 5	Reach 5	2039	100-year	3.25	211.43	211.78		211.79	0.002675	0.66	7.71	70.21	0.39
SinkHole Creek 5	Reach 5	1990	100-year	3.25	211.23	211.68		211.69	0.001731	0.57	10.10	63.76	0.31

HEC-RAS Plan: SinkholeCreek-20251117 Profile: 100-year (Continued)

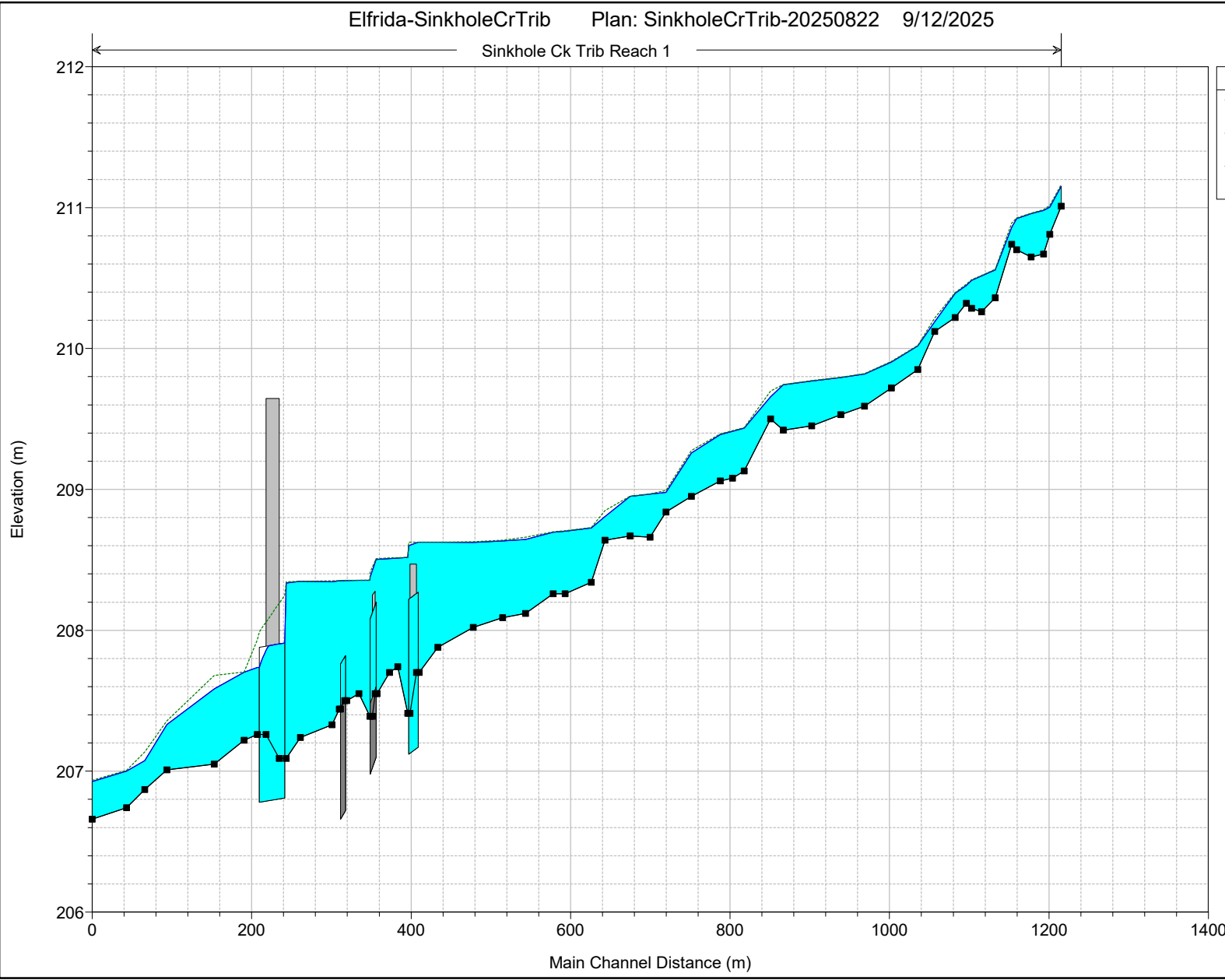
River	Reach	River Sta	Profile	Q Total (m3/s)	Min Ch El (m)	W.S. Elev (m)	Crit W.S. (m)	E.G. Elev (m)	E.G. Slope (m/m)	Vel Chnl (m/s)	Flow Area (m2)	Top Width (m)	Froude # Chl
SinkHole Creek 5	Reach 5	1933	100-year	3.25	210.99	211.47	211.43	211.49	0.008218	1.11	5.50	46.59	0.62
SinkHole Creek 5	Reach 5	1864	100-year	3.25	210.84	211.26	211.20	211.26	0.001716	0.46	12.39	151.06	0.29
SinkHole Creek 5	Reach 5	1812	100-year	3.25	210.90	211.15	211.08	211.16	0.002311	0.50	10.04	82.37	0.34
SinkHole Creek 5	Reach 5	1751	100-year	3.25	210.42	210.87	210.87	210.91	0.009354	1.18	5.50	72.10	0.70
SinkHole Creek 5	Reach 5	1683	100-year	3.25	210.20	210.75	210.65	210.75	0.000739	0.39	14.99	108.15	0.20
SinkHole Creek 5	Reach 5	1627	100-year	4.20	210.03	210.65		210.68	0.003040	0.79	7.51	67.04	0.42
SinkHole Creek 5	Reach 5	1589	100-year	4.20	209.98	210.53		210.56	0.003265	0.90	6.88	67.56	0.44
SinkHole Creek 5	Reach 5	1510	100-year	4.20	209.72	210.34		210.36	0.002232	0.82	7.87	103.95	0.37
SinkHole Creek 5	Reach 5	1459	100-year	4.20	209.51	210.25	210.14	210.26	0.001727	0.79	9.54	142.53	0.33
SinkHole Creek 5	Reach 5	1378	100-year	4.20	209.41	209.93	209.93	209.99	0.010144	1.43	5.42	58.11	0.76
SinkHole Creek 5	Reach 5	1272	100-year	4.20	208.92	209.65		209.66	0.001122	0.57	15.42	104.08	0.26
SinkHole Creek 5	Reach 5	1222	100-year	4.20	209.05	209.62		209.62	0.000601	0.40	17.33	82.70	0.19
SinkHole Creek 5	Reach 5	1126	100-year	4.20	208.89	209.50		209.52	0.002202	0.79	6.53	24.64	0.37
SinkHole Creek 5	Reach 5	1080	100-year	4.20	208.84	209.41		209.42	0.002058	0.75	8.45	38.38	0.36
SinkHole Creek 5	Reach 5	1025	100-year	4.20	208.59	209.25	209.20	209.27	0.004044	0.92	7.87	84.60	0.47
SinkHole Creek 5	Reach 5	951	100-year	4.20	208.68	209.12		209.13	0.001095	0.48	14.55	79.40	0.25
SinkHole Creek 5	Reach 5	870	100-year	4.20	208.64	209.08		209.08	0.000342	0.29	24.18	109.70	0.14
SinkHole Creek 5	Reach 5	800	100-year	4.20	208.24	209.03		209.04	0.001192	0.65	10.57	46.46	0.27
SinkHole Creek 5	Reach 5	742	100-year	4.20	208.48	209.02		209.02	0.000173	0.23	25.90	77.62	0.11
SinkHole Creek 5	Reach 5	676	100-year	4.20	208.23	209.01		209.01	0.000018	0.09	65.71	160.64	0.04
SinkHole Creek 5	Reach 5	633	100-year	4.20	208.16	209.01		209.01	0.000012	0.08	74.27	173.67	0.03
SinkHole Creek 5	Reach 5	601	100-year	4.20	207.91	209.01		209.01	0.000012	0.09	75.06	206.09	0.03
SinkHole Creek 5	Reach 5	572	100-year	4.72	207.69	208.96	208.27	209.00	0.000772	0.87	5.35	156.78	0.26
SinkHole Creek 5	Reach 5	560		Culvert									
SinkHole Creek 5	Reach 5	545	100-year	4.97	207.80	208.78	208.27	208.82	0.001205	0.93	5.36	76.58	0.31
SinkHole Creek 5	Reach 5	527	100-year	4.97	208.23	208.75		208.78	0.003710	1.05	11.42	71.53	0.49
SinkHole Creek 5	Reach 5	515	100-year	4.97	208.21	208.69		208.73	0.004362	1.07	10.88	72.21	0.52
SinkHole Creek 5	Reach 5	481	100-year	4.97	208.06	208.57		208.60	0.003391	0.86	9.49	55.25	0.45
SinkHole Creek 5	Reach 5	446	100-year	4.97	207.91	208.50		208.52	0.001587	0.65	11.21	49.14	0.32
SinkHole Creek 5	Reach 5	425	100-year	4.97	207.77	208.47		208.49	0.001461	0.74	14.45	56.96	0.32
SinkHole Creek 5	Reach 5	399	100-year	4.97	207.70	208.43		208.45	0.001337	0.76	15.56	71.06	0.31
SinkHole Creek 5	Reach 5	353	100-year	4.97	207.67	208.25	208.25	208.33	0.007176	1.54	8.97	67.18	0.69
SinkHole Creek 5	Reach 5	319	100-year	4.97	207.70	208.13		208.13	0.002758	0.40	18.40	97.03	0.22
SinkHole Creek 5	Reach 5	289	100-year	4.97	207.69	208.07		208.08	0.001341	0.21	24.03	130.26	0.15
SinkHole Creek 5	Reach 5	288		Lat Struct									
SinkHole Creek 5	Reach 5	269	100-year	4.33	207.66	208.05	207.85	208.05	0.001066	0.18	24.00	115.98	0.12
SinkHole Creek 5	Reach 5	236	100-year	4.33	207.62	208.01	207.89	208.01	0.001447	0.36	19.54	132.42	0.22
SinkHole Creek 5	Reach 5	207	100-year	4.33	207.43	207.95		207.96	0.003684	0.74	15.59	88.50	0.37
SinkHole Creek 5	Reach 5	177	100-year	4.33	207.30	207.89		207.90	0.001335	0.37	21.55	88.36	0.18
SinkHole Creek 5	Reach 5	120	100-year	4.33	207.02	207.83		207.84	0.001482	0.60	21.76	122.10	0.24
SinkHole Creek 5	Reach 5	80	100-year	4.33	206.88	207.61	207.61	207.68	0.008907	1.39	6.43	51.50	0.60
SinkHole Creek 5	Reach 5	34	100-year	4.33	206.68	207.31	207.16	207.32	0.000854	0.49	14.60	96.98	0.23
SinkHole Creek 4	Reach 4	888	100-year	7.26	206.49	207.17		207.21	0.002831	0.95	12.24	87.82	0.43
SinkHole Creek 4	Reach 4	865	100-year	7.26	206.47	207.15	207.02	207.16	0.001077	0.57	20.28	123.72	0.26
SinkHole Creek 4	Reach 4	825	100-year	7.26	206.45	207.11		207.12	0.001178	0.60	18.87	81.70	0.28
SinkHole Creek 4	Reach 4	774	100-year	7.26	206.39	207.03		207.04	0.001791	0.70	14.61	56.84	0.34
SinkHole Creek 4	Reach 4	713	100-year	7.26	206.27	206.96		206.97	0.001005	0.59	18.43	67.21	0.26
SinkHole Creek 4	Reach 4	677	100-year	7.26	206.27	206.92		206.93	0.000965	0.55	18.71	70.43	0.25
SinkHole Creek 4	Reach 4	646	100-year	7.26	206.19	206.86		206.89	0.002137	0.85	11.30	39.15	0.38
SinkHole Creek 4	Reach 4	621	100-year	7.26	206.18	206.82		206.84	0.001374	0.64	16.41	67.49	0.30
SinkHole Creek 4	Reach 4	587	100-year	7.26	206.18	206.78		206.79	0.000980	0.53	19.60	72.53	0.25
SinkHole Creek 4	Reach 4	567	100-year	7.26	206.18	206.75		206.77	0.001407	0.66	16.68	66.57	0.30
SinkHole Creek 4	Reach 4	530	100-year	7.26	206.11	206.70		206.71	0.001349	0.67	16.68	65.91	0.30
SinkHole Creek 4	Reach 4	494	100-year	7.26	206.07	206.60		206.63	0.003510	0.92	9.99	39.61	0.47
SinkHole Creek 4	Reach 4	439	100-year	7.26	205.85	206.50		206.51	0.001493	0.67	16.25	68.95	0.31
SinkHole Creek 4	Reach 4	391	100-year	7.26	205.77	206.45		206.46	0.000735	0.53	23.31	95.26	0.22
SinkHole Creek 4	Reach 4	337	100-year	7.26	205.72	206.40		206.41	0.000940	0.57	17.25	52.81	0.25
SinkHole Creek 4	Reach 4	283	100-year	7.26	205.69	206.37		206.37	0.000584	0.45	24.03	82.89	0.20
SinkHole Creek 4	Reach 4	253	100-year	7.26	205.71	206.36		206.36	0.000394	0.38	29.33	99.79	0.16
SinkHole Creek 4	Reach 4	211	100-year	7.26	205.63	206.34		206.35	0.000311	0.36	30.52	95.29	0.15
SinkHole Creek 4	Reach 4	162	100-year	7.26	205.66	206.33		206.33	0.000231	0.32	32.23	104.22	0.13
SinkHole Creek 4	Reach 4	122	100-year	7.26	205.62	206.32		206.32	0.000266	0.34	28.50	68.08	0.14
SinkHole Creek 4	Reach 4	89	100-year	7.26	205.59	206.32		206.32	0.000105	0.21	45.77	89.38	0.09
SinkHole Creek 4	Reach 4	64	100-year	7.26	205.62	206.32		206.32	0.000067	0.18	58.10	126.60	0.07
SinkHole Creek 4	Reach 4	33	100-year	7.26	205.50	206.31		206.31	0.000070	0.18	50.02	94.32	0.07
SinkHole Creek 3	Reach 3	115	100-year	16.72	205.39	206.30		206.31	0.000572	0.60	49.69	126.97	0.21
SinkHole Creek 3	Reach 3	90	100-year	16.72	205.03	206.29		206.30	0.000309	0.48	59.68	127.53	0.15
SinkHole Creek 3	Reach 3	43	100-year	16.36	205.14	206.28		206.29	0.000157	0.34	78.34	144.94	0.11
SinkHole Creek 2	Reach 2	1387	100-year	19.91	205.02	206.27		206.28	0.000234	0.41	77.96	149.59	0.13
SinkHole Creek 2	Reach 2	1341	100-year	19.91	204.76	206.26	205.69	206.27	0.000199	0.45	79.36	160.48	0.13
SinkHole Creek 2	Reach 2	1327	100-year	19.91	204.72	206.26	205.69	206.26	0.000094	0.34	109.24	235.06	0.09
SinkHole Creek 2	Reach 2	1320		Culvert									
SinkHole Creek 2	Reach 2	1316	100-year	19.91	204.52	206.26	205.76	206.26	0.000097	0.30	116.93	228.77	0.08
SinkHole Creek 2	Reach 2	1301	100-year	19.91	205.00	206.25		206.26	0.000160	0.39	96.26	191.76	0.12
SinkHole Creek 2	Reach 2	1272	100-year	19.91	204.73	206.25	205.67	206.25	0.000293	0.54	73.81	192.12	0.16
SinkHole Creek 2	Reach 2	1216	100-year	19.91	204.38	206.22		206.23	0.000534	0.68	60.90	112.05	0.20
SinkHole Creek 2	Reach 2	1189	100-year	19.91	204.58	206.22		206.22	0.000021	0.14	188.31	212.26	0.04
SinkHole Creek 2	Reach 2	1128	100-year	19.91	204.64	206.22		206.22	0.000031	0.18	167.75	207.15	0.05
SinkHole Creek 2	Reach 2	1096	100-year	19.91	204.63	206.22		206.22	0.000042	0.21	146.19	189.18	0.06
SinkHole Creek 2	Reach 2	1021	100-year	25.47	204.69	206.22		206.22	0.000032	0.18	190.85	229.65	0.05
SinkHole Creek 2	Reach 2	988	100-year	25.47	204.54	206.22		206.22	0.000029	0.18	193.07	227.19	0.05
SinkHole Creek 2	Reach 2	942	100-year	25.47	204.27	206.21		206.21	0.000032	0.21	213.53	261.91	0.05
SinkHole Creek 2	Reach 2	878	100-year	25.47	204.43	206.21		206.21	0.000029	0.20	213.94	262.36	0.05
SinkHole Creek 2	Reach 2	820	100-year	25.47	204.46	206.21		206.21	0.000040	0.23	185.19	266.19	0.06
SinkHole Creek 2	Reach 2	787	100-year	25.47	204.48	206.21		206.21	0.000025	0.17	222.66	285.67	0.04
SinkHole Creek 2	Reach 2	758	100-year	25.47	204.33	206.21	205.14	206.21	0.000013	0.12	306.49	394.59	0.03
SinkHole Creek 2	Reach 2	745	100-year	25.47	204.29	206.21	205.10	206.21	0.000010	0.10	335.94	347.13	0.03

HEC-RAS Plan: SinkholeCreek-20251117 Profile: 100-year (Continued)

River	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
SinkHole Creek 2	Reach 2	740		Culvert									
SinkHole Creek 2	Reach 2	736	100-year	25.47	204.28	206.21	205.06	206.21	0.000009	0.10	342.86	341.49	0.03
SinkHole Creek 2	Reach 2	714	100-year	25.47	204.31	206.21		206.21	0.000008	0.10	349.08	326.08	0.03
SinkHole Creek 2	Reach 2	683	100-year	25.47	204.25	206.21		206.21	0.000009	0.12	332.19	298.95	0.03
SinkHole Creek 2	Reach 2	640	100-year	25.47	204.17	206.21		206.21	0.000008	0.11	336.66	325.83	0.03
SinkHole Creek 2	Reach 2	586	100-year	25.47	204.29	206.20		206.20	0.000008	0.11	334.64	295.09	0.03
SinkHole Creek 2	Reach 2	550	100-year	25.47	204.12	206.20		206.20	0.000013	0.15	279.45	303.14	0.04
SinkHole Creek 2	Reach 2	536	100-year	25.47	203.98	206.20	204.99	206.20	0.000003	0.08	338.81	453.09	0.02
SinkHole Creek 2	Reach 2	520		Culvert									
SinkHole Creek 2	Reach 2	514	100-year	25.47	203.82	205.94	205.01	205.94	0.000033	0.21	285.46	431.39	0.05
SinkHole Creek 2	Reach 2	495	100-year	25.47	204.47	205.94		205.94	0.000101	0.32	163.71	327.02	0.09
SinkHole Creek 2	Reach 2	460	100-year	25.47	204.55	205.93	205.02	205.93	0.000162	0.34	129.13	156.48	0.10
SinkHole Creek 2	Reach 2	387	100-year	25.47	204.54	205.91		205.92	0.000218	0.48	113.58	156.86	0.14
SinkHole Creek 2	Reach 2	330	100-year	25.47	204.56	205.89		205.90	0.000655	0.84	86.97	133.37	0.24
SinkHole Creek 2	Reach 2	314	100-year	25.47	204.51	205.87		205.88	0.000998	1.04	79.99	162.73	0.29
SinkHole Creek 2	Reach 2	307	100-year	25.47	204.52	205.85		205.88	0.001437	1.10	72.03	166.39	0.34
SinkHole Creek 2	Reach 2	299	100-year	25.47	204.60	205.85		205.86	0.001218	1.03	76.45	169.08	0.32
SinkHole Creek 2	Reach 2	291	100-year	25.47	204.49	205.85	205.28	205.85	0.000510	0.67	98.26	323.60	0.18
SinkHole Creek 2	Reach 2	283	100-year	25.47	204.46	205.73	205.56	205.84	0.004231	2.15	42.80	310.20	0.61
SinkHole Creek 2	Reach 2	272	100-year	25.47	204.46	205.60	205.60	205.76	0.008243	2.63	28.12	226.64	0.82
SinkHole Creek 2	Reach 2	267	100-year	25.47	204.51	205.42	205.36	205.58	0.010615	2.60	23.72	153.71	0.90
SinkHole Creek 2	Reach 2	249	100-year	25.47	204.40	205.43	204.99	205.45	0.002420	1.04	48.76	206.02	0.34
SinkHole Creek 2	Reach 2	210	100-year	25.47	204.44	205.32	204.95	205.33	0.003326	1.04	50.80	195.59	0.37
SinkHole Creek 2	Reach 2	170	100-year	25.47	204.40	205.25		205.26	0.001364	0.69	68.71	170.26	0.25
SinkHole Creek 2	Reach 2	132	100-year	25.47	204.37	205.19		205.20	0.001622	0.95	68.43	144.33	0.35
SinkHole Creek 2	Reach 2	100	100-year	25.47	204.46	205.13	204.87	205.14	0.002233	0.87	74.22	222.25	0.37
SinkHole Creek 2	Reach 2	74	100-year	25.47	204.41	205.09		205.09	0.001167	0.73	99.32	276.99	0.29
SinkHole Creek 2	Reach 2	28	100-year	25.47	204.39	205.00	204.81	205.01	0.002754	1.01	68.96	217.82	0.43

Sinkhole Ck Trib Reach 1

Legend	
EG Reg Flow	
WS Reg Flow	
Ground	



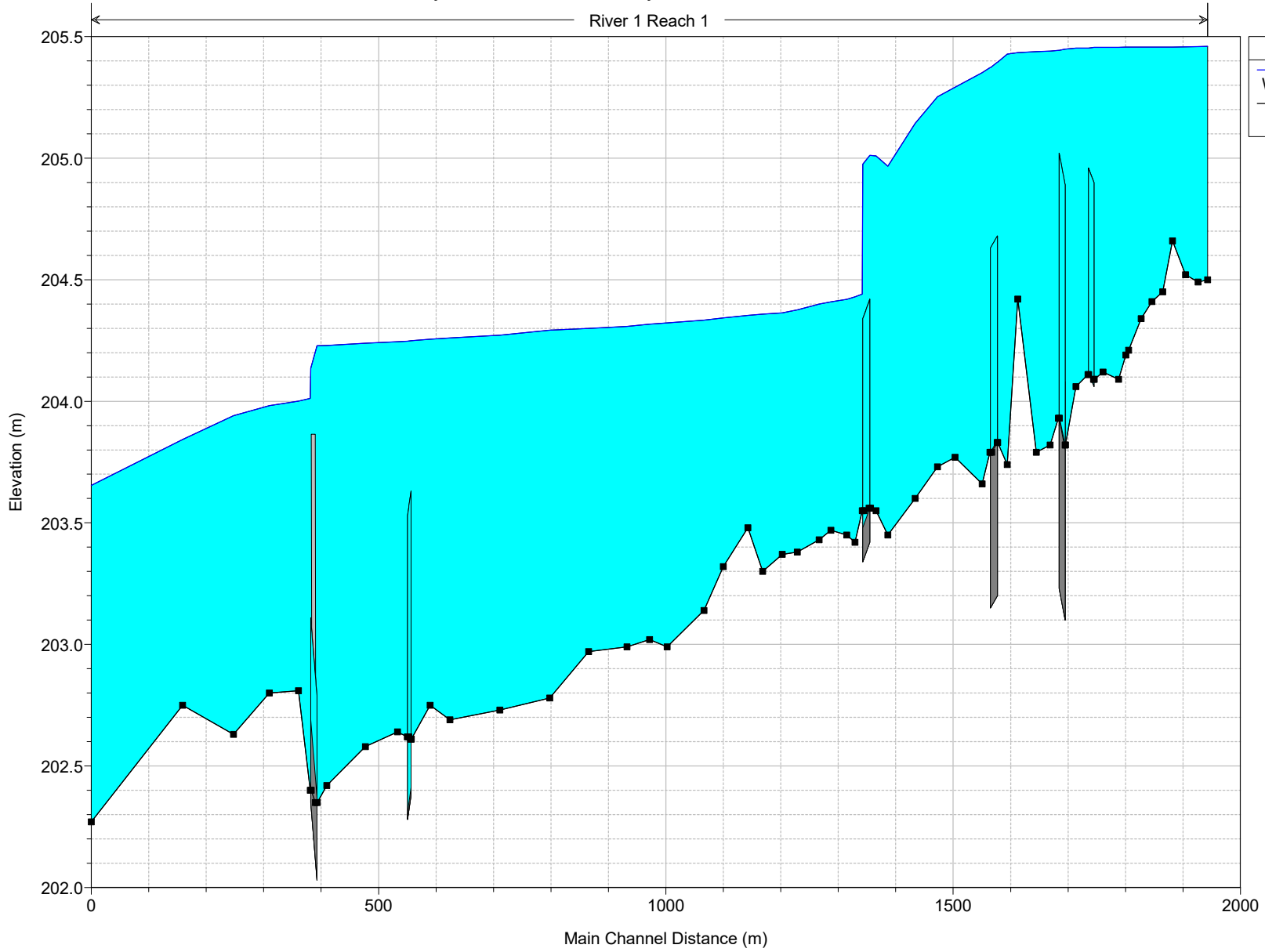
HEC-RAS Plan: SinkholeCrTrib-20250822 River: Sinkhole Ck Trib Reach: Reach 1 Profile: Reg Flow

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
Reach 1	1237	Reg Flow	1.05	211.01	211.15		211.16	0.013204	0.50	2.09	23.91	0.54
Reach 1	1223	Reg Flow	1.05	210.81	211.00		211.01	0.008754	0.48	2.20	19.98	0.46
Reach 1	1215	Reg Flow	1.05	210.67	210.98		210.98	0.001910	0.33	3.46	23.80	0.24
Reach 1	1199	Reg Flow	1.05	210.65	210.96		210.96	0.001599	0.27	4.68	31.20	0.21
Reach 1	1181	Reg Flow	1.05	210.70	210.92		210.93	0.002113	0.33	3.99	40.85	0.25
Reach 1	1175	Reg Flow	1.05	210.74	210.86	210.86	210.89	0.038500	0.79	1.61	30.75	0.91
Reach 1	1154	Reg Flow	1.05	210.36	210.56		210.56	0.004032	0.32	3.27	25.34	0.29
Reach 1	1137	Reg Flow	1.05	210.26	210.51	210.40	210.52	0.001773	0.29	3.85	27.12	0.22
Reach 1	1124	Reg Flow	1.05	210.29	210.48	210.40	210.49	0.003204	0.34	3.80	31.21	0.29
Reach 1	1118	Reg Flow	1.05	210.32	210.45	210.40	210.46	0.007843	0.42	2.61	27.88	0.41
Reach 1	1104	Reg Flow	1.05	210.22	210.39	210.30	210.40	0.002611	0.33	3.91	34.26	0.27
Reach 1	1078	Reg Flow	1.05	210.12	210.19	210.19	210.22	0.055584	0.72	1.46	28.97	1.02
Reach 1	1057	Reg Flow	1.05	209.85	210.02	209.95	210.02	0.002997	0.28	4.02	45.24	0.27
Reach 1	1024	Reg Flow	1.05	209.72	209.90	209.84	209.91	0.004081	0.31	3.41	31.19	0.30
Reach 1	990	Reg Flow	1.05	209.59	209.82	209.71	209.82	0.001790	0.23	5.05	38.02	0.18
Reach 1	960	Reg Flow	1.05	209.53	209.79	209.64	209.80	0.000539	0.19	7.93	44.08	0.13
Reach 1	924	Reg Flow	1.05	209.45	209.77	209.61	209.77	0.000784	0.26	5.13	30.26	0.16
Reach 1	888	Reg Flow	1.05	209.42	209.74	209.55	209.74	0.000758	0.20	6.80	36.22	0.12
Reach 1	872	Reg Flow	1.05	209.50	209.66	209.66	209.70	0.044976	0.89	1.18	14.29	0.99
Reach 1	839	Reg Flow	1.05	209.13	209.43	209.30	209.44	0.001433	0.27	3.80	23.03	0.18
Reach 1	824	Reg Flow	1.05	209.08	209.41	209.25	209.42	0.001254	0.30	3.73	20.31	0.20
Reach 1	809	Reg Flow	1.05	209.06	209.39	209.24	209.39	0.001704	0.28	4.05	24.58	0.20
Reach 1	773	Reg Flow	1.05	208.95	209.26	209.18	209.28	0.007855	0.61	1.76	11.76	0.47
Reach 1	741	Reg Flow	1.05	208.84	208.98	208.94	208.99	0.010103	0.52	2.04	18.90	0.50
Reach 1	721	Reg Flow	1.05	208.66	208.97	208.77	208.97	0.000389	0.17	6.59	32.73	0.11
Reach 1	696	Reg Flow	1.05	208.67	208.95	208.82	208.95	0.001017	0.23	4.80	30.24	0.18
Reach 1	664	Reg Flow	1.05	208.64	208.81	208.81	208.85	0.046325	0.92	1.15	13.74	1.01
Reach 1	647	Reg Flow	1.05	208.34	208.73		208.73	0.000741	0.30	3.70	17.56	0.20
Reach 1	614	Reg Flow	1.05	208.26	208.70		208.71	0.000628	0.27	3.97	17.93	0.18
Reach 1	599	Reg Flow	1.05	208.26	208.70	208.45	208.70	0.000447	0.23	4.56	19.20	0.15
Reach 1	564	Reg Flow	2.34	208.12	208.64	208.46	208.66	0.001758	0.58	4.21	15.90	0.32
Reach 1	536	Reg Flow	2.34	208.09	208.63	208.33	208.64	0.000334	0.31	9.36	32.81	0.15
Reach 1	499	Reg Flow	2.34	208.02	208.62	208.26	208.63	0.000266	0.27	9.16	27.21	0.13
Reach 1	454	Reg Flow	2.34	207.88	208.62	208.04	208.62	0.000019	0.09	32.84	88.66	0.04
Reach 1	431	Reg Flow	2.34	207.70	208.62	208.06	208.62	0.000005	0.05	62.27	133.96	0.02
Reach 1	429		Culvert									
Reach 1	417	Reg Flow	2.34	207.41	208.52	207.94	208.52	0.000002	0.04	58.87	119.05	0.01
Reach 1	405	Reg Flow	2.34	207.74	208.51	208.18	208.52	0.000214	0.30	9.54	27.04	0.12
Reach 1	394	Reg Flow	2.34	207.70	208.51		208.51	0.000284	0.36	8.22	23.69	0.14
Reach 1	379	Reg Flow	2.34	207.55	208.50	208.07	208.51	0.000330	0.37	7.71	23.81	0.15
Reach 1	377		Culvert									
Reach 1	369	Reg Flow	2.34	207.39	208.35	207.98	208.36	0.000091	0.21	15.31	49.07	0.08
Reach 1	356	Reg Flow	2.34	207.55	208.35	207.89	208.35	0.000029	0.11	22.78	52.48	0.05
Reach 1	341	Reg Flow	2.34	207.50	208.35	207.81	208.35	0.000038	0.15	18.95	44.87	0.05
Reach 1	339		Culvert									
Reach 1	331	Reg Flow	2.34	207.44	208.35	207.88	208.35	0.000109	0.28	11.72	33.63	0.10
Reach 1	322	Reg Flow	2.34	207.33	208.34		208.35	0.000238	0.41	7.38	22.15	0.14
Reach 1	283	Reg Flow	2.34	207.24	208.35	207.51	208.35	0.000005	0.06	42.14	62.58	0.02
Reach 1	265	Reg Flow	2.34	207.09	208.34	207.45	208.34	0.000187	0.44	5.33	142.94	0.13
Reach 1	257		Culvert									
Reach 1	228	Reg Flow	2.34	207.26	207.74	207.74	207.93	0.016577	1.97	1.19	48.47	1.00
Reach 1	212	Reg Flow	2.34	207.22	207.70	207.39	207.70	0.000138	0.20	11.32	37.35	0.09
Reach 1	174	Reg Flow	2.34	207.05	207.58		207.68	0.006543	1.42	1.77	4.64	0.65
Reach 1	115	Reg Flow	2.34	207.01	207.33	207.26	207.36	0.004344	0.78	3.31	17.31	0.48
Reach 1	87	Reg Flow	2.34	206.87	207.08	207.08	207.14	0.018331	1.24	2.18	17.14	0.92
Reach 1	64	Reg Flow	2.34	206.74	207.00	206.88	207.01	0.001517	0.41	6.92	49.96	0.28
Reach 1	21	Reg Flow	2.34	206.66	206.93	206.82	206.94	0.002385	0.54	5.64	33.33	0.35

River 1 Reach 1

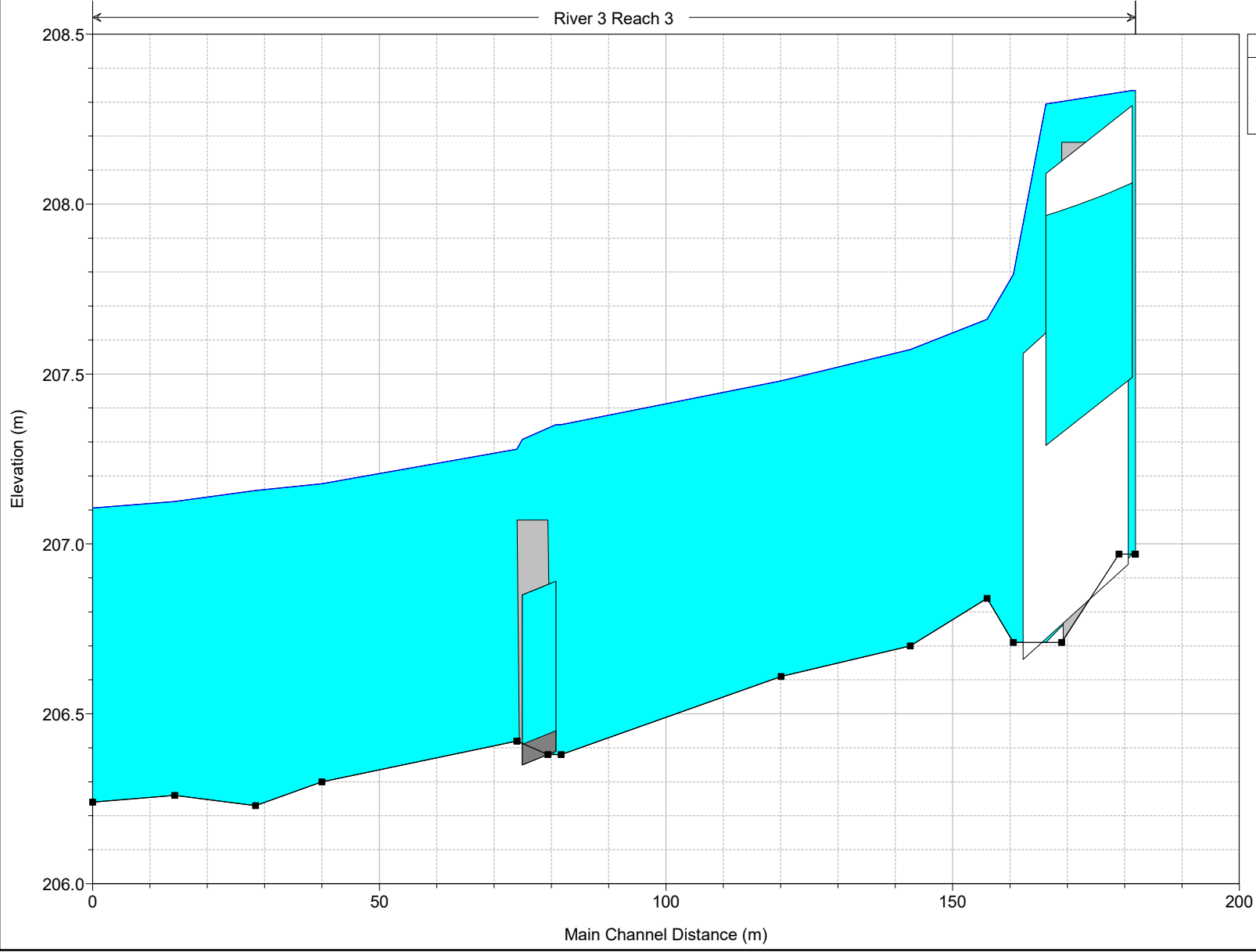
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- WS PF 1
- Ground



**Legend**

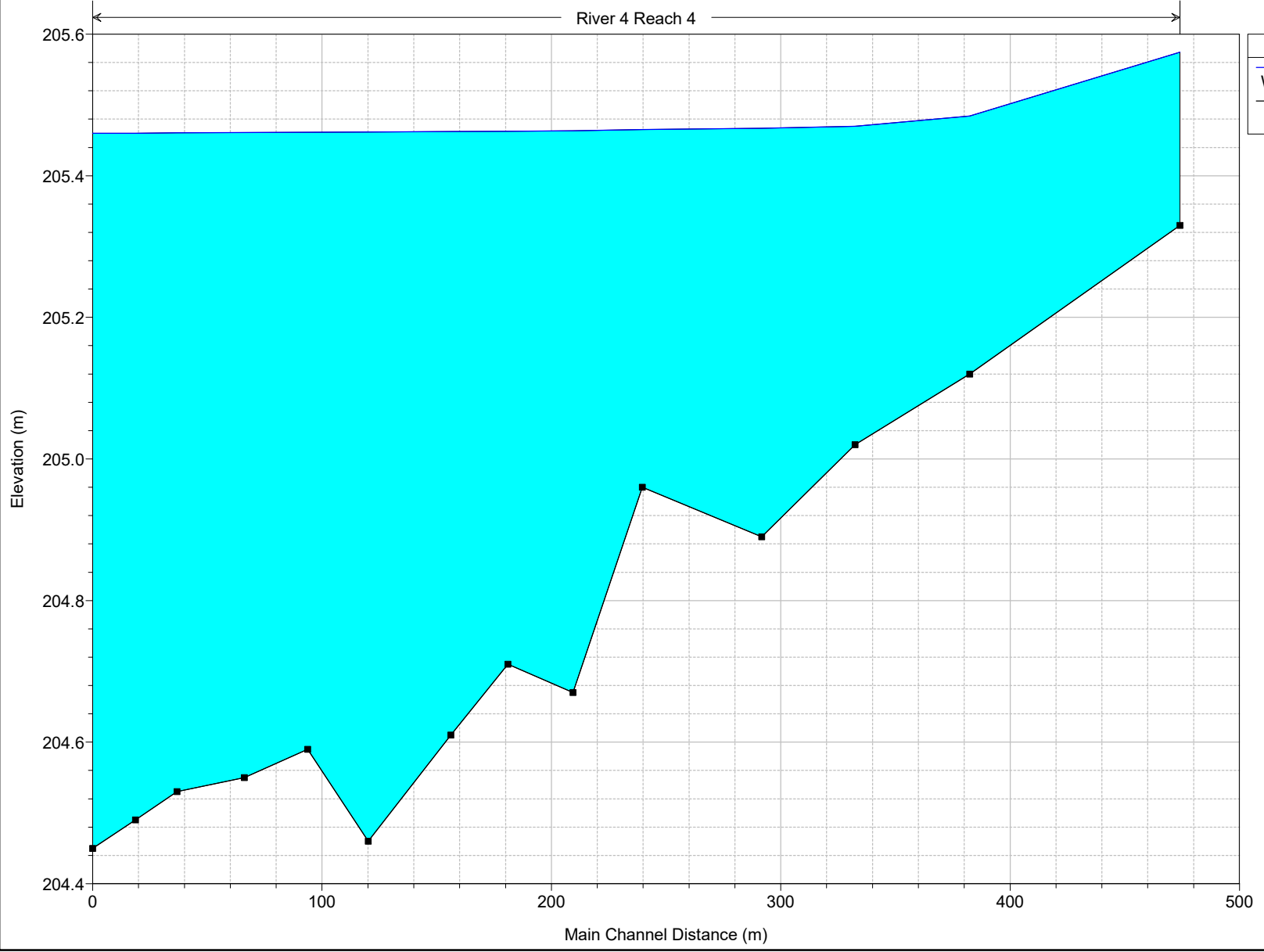
- WS PF 1
- Ground



River 4 Reach 4

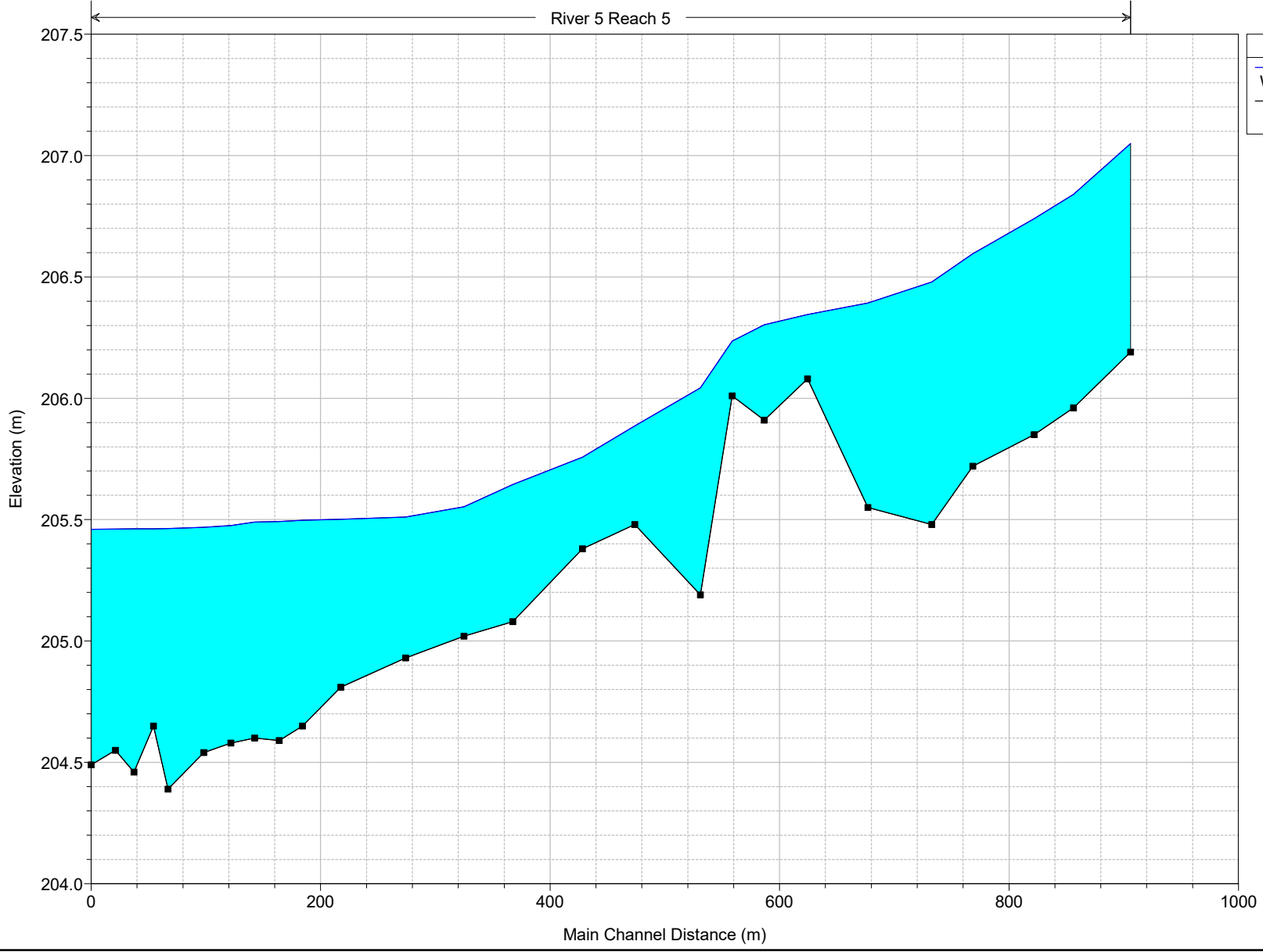
**Legend**

- WS PF 1
- Ground



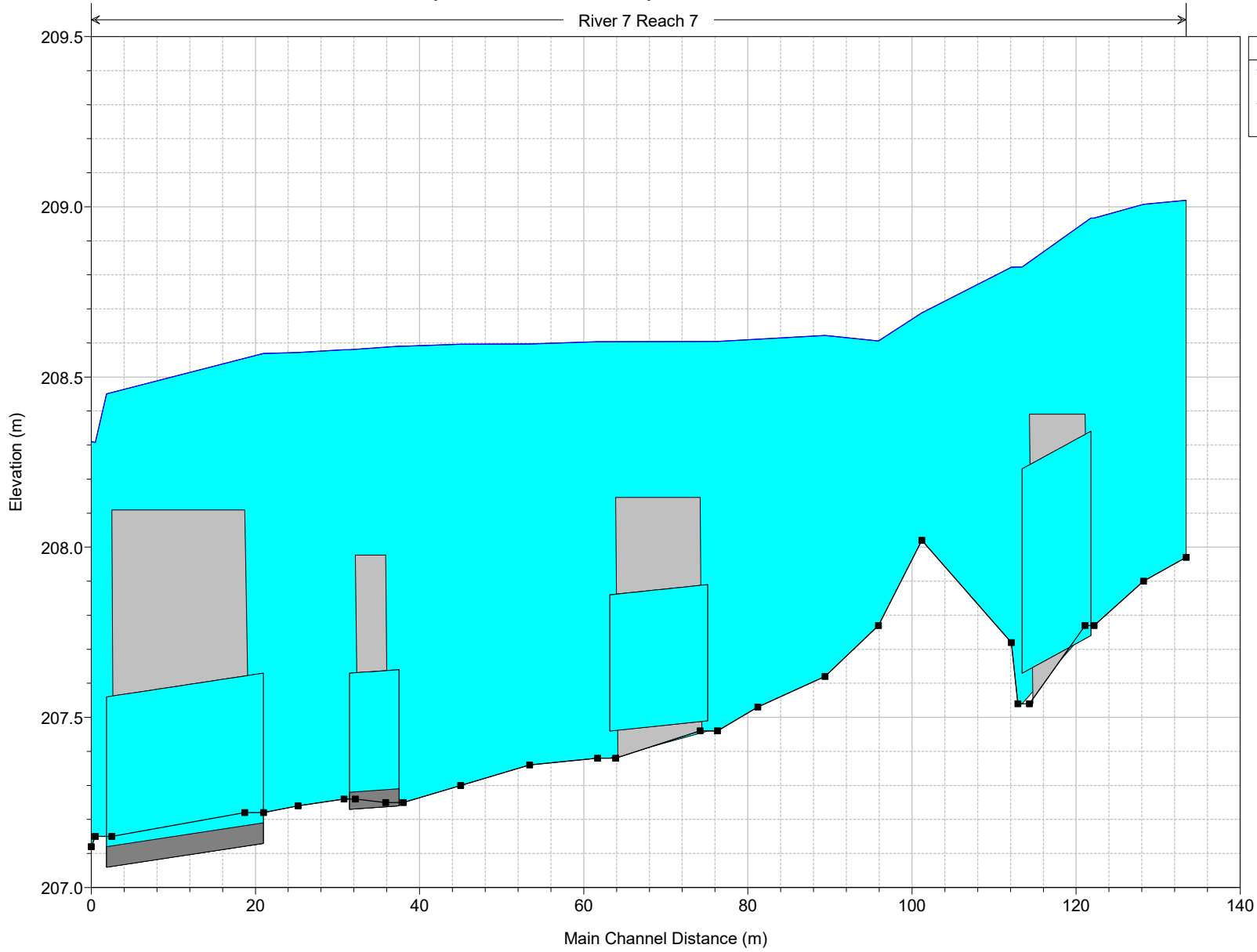
**Legend**

- WS PF 1
- Ground



**Legend**

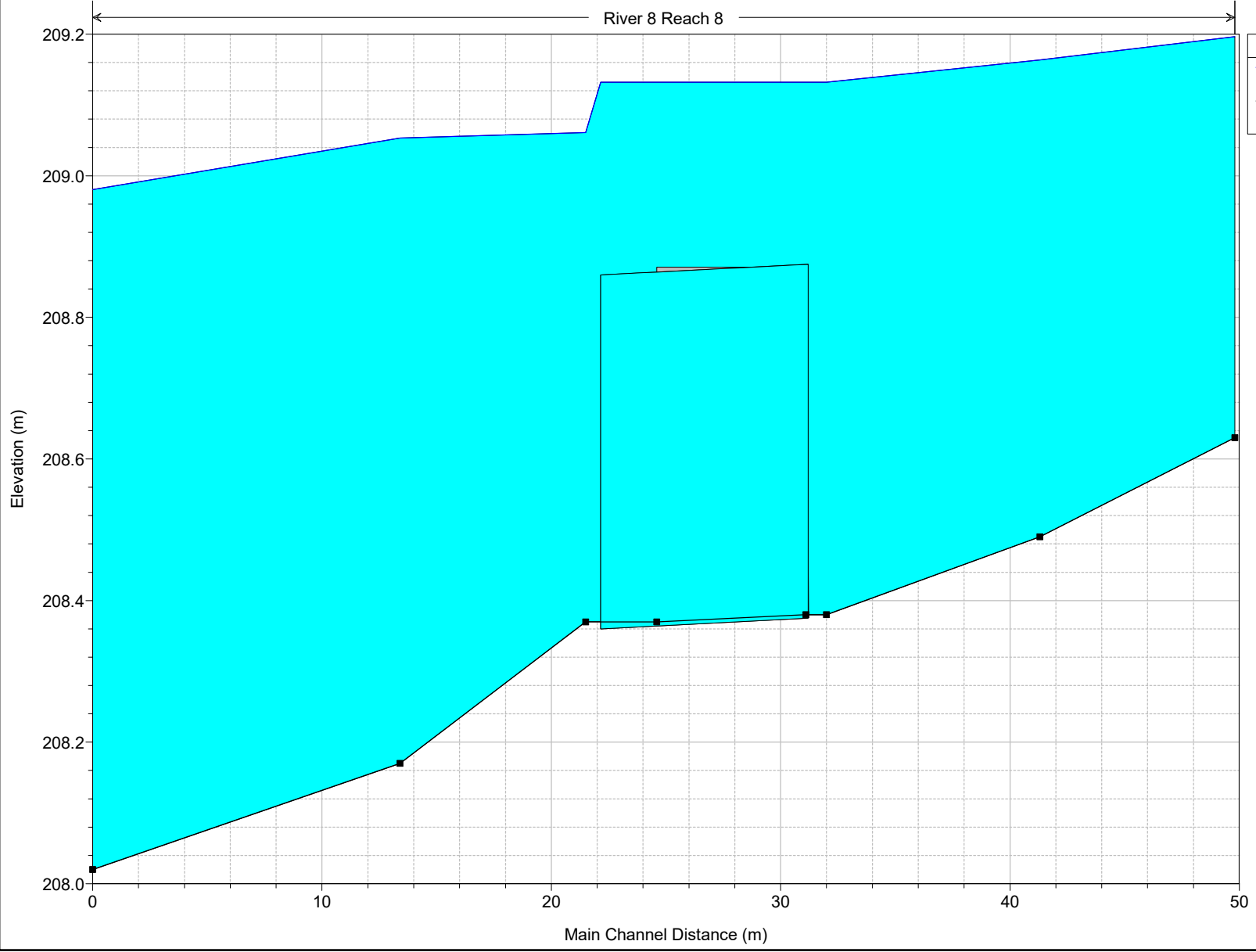
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- Ground



River 8 Reach 8

**Legend**

- WS PF 1
- Ground

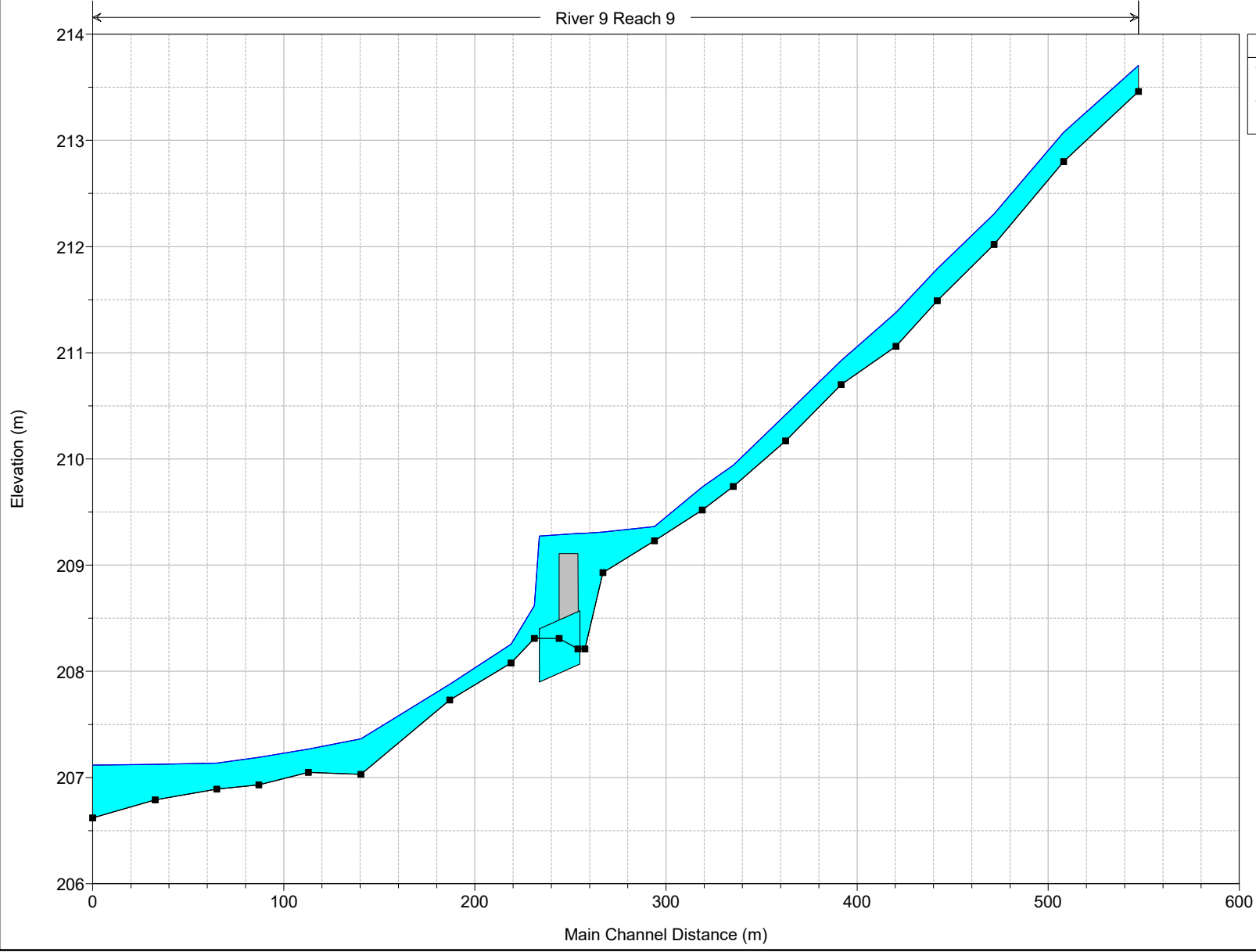


StoneyCreek Plan: StoneyCreek-20251201-Ex 12/22/2025

River 9 Reach 9

**Legend**

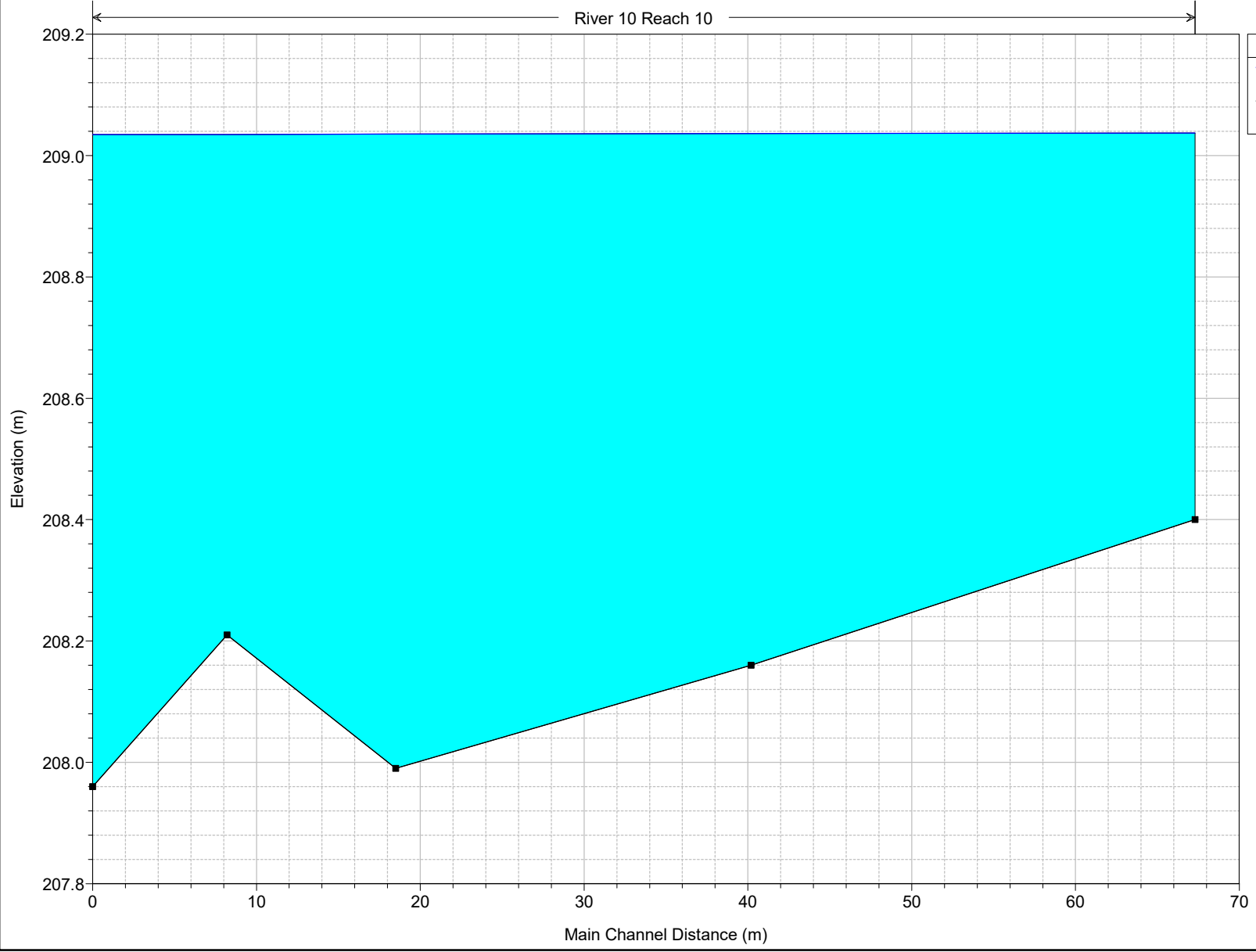
- WS PF 1
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River 10 Reach 10

**Legend**

- WS PF 1
- Ground

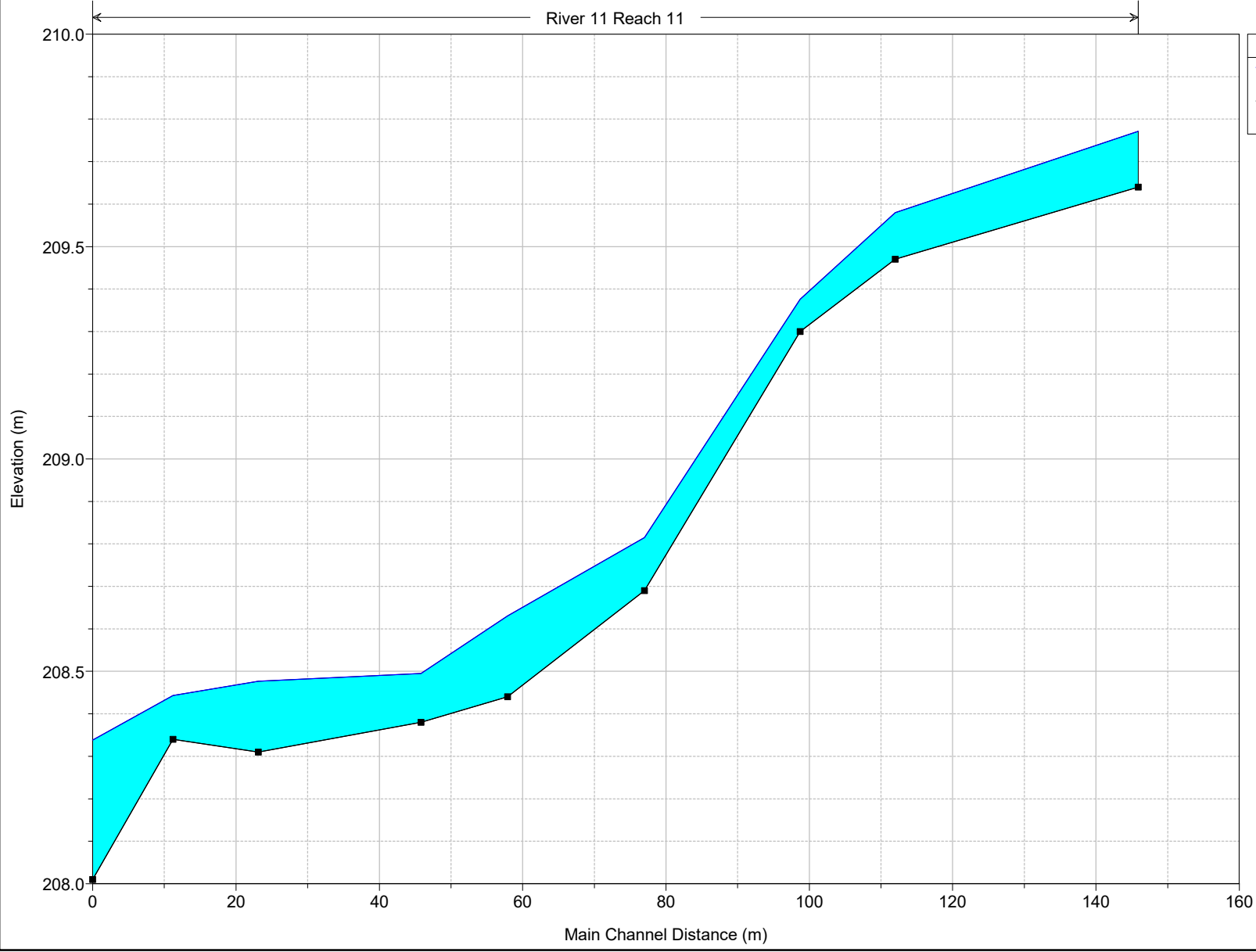


StoneyCreek Plan: StoneyCreek-20251201-Ex 12/22/2025

River 11 Reach 11

**Legend**

- WS PF 1
- Ground







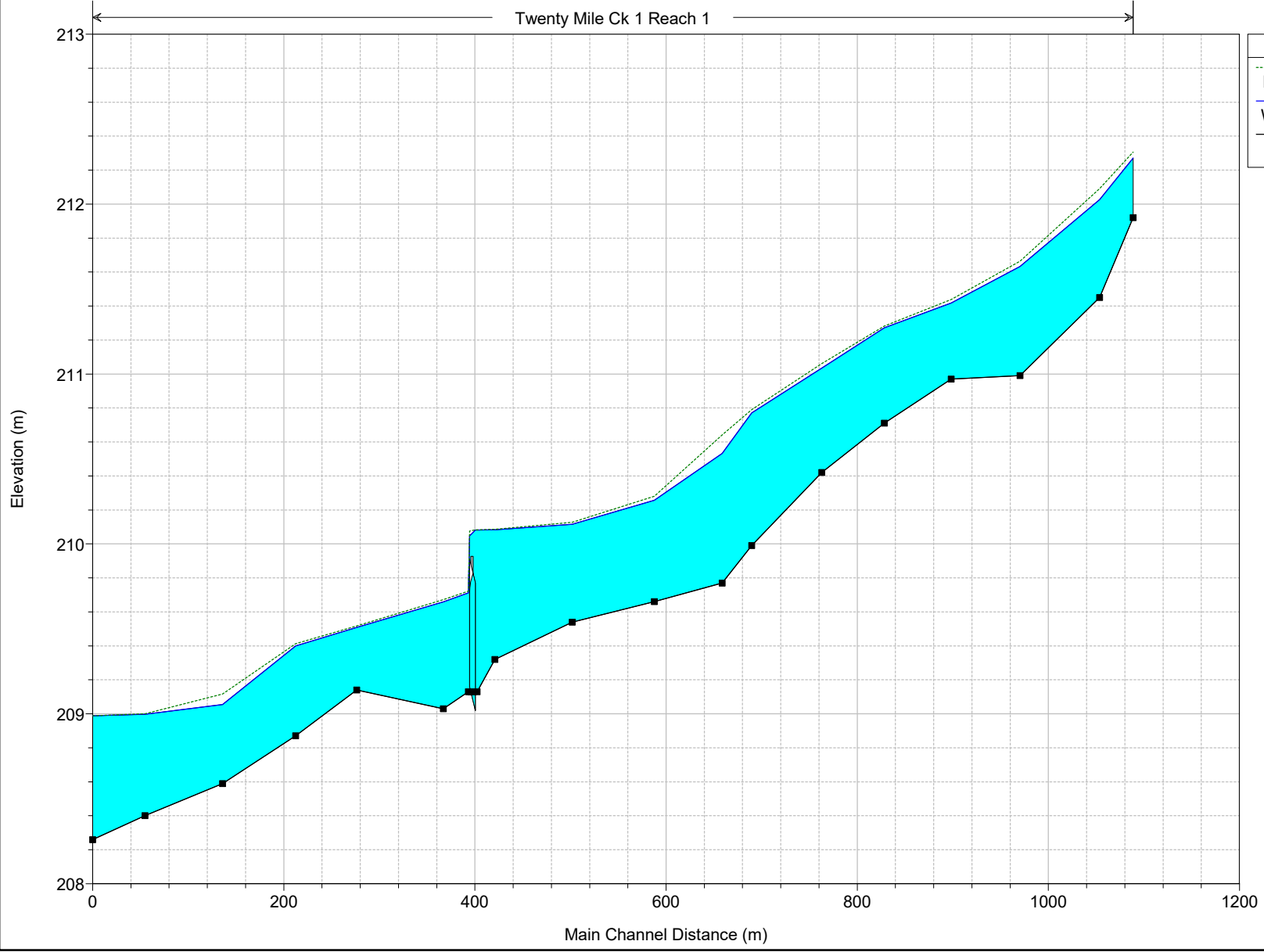
HEC-RAS Plan: StoneyCreek-20251201-Ex Profile: PF 1 (Continued)

River	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
River 1	Reach 1	1391	PF 1	15.41	203.55	204.44	204.43	204.46	0.001805	0.81	27.62	201.16	0.30
River 1	Reach 1	1378	PF 1	15.41	203.42	204.43	204.17	204.44	0.000797	0.51	40.25	253.71	0.22
River 1	Reach 1	1364	PF 1	15.41	203.45	204.42	204.08	204.42	0.000376	0.38	51.46	277.36	0.15
River 1	Reach 1	1336	PF 1	15.41	203.47	204.41	204.12	204.41	0.000391	0.38	54.55	236.14	0.15
River 1	Reach 1	1316	PF 1	15.41	203.43	204.40	204.11	204.40	0.000644	0.50	57.38	256.52	0.19
River 1	Reach 1	1278	PF 1	15.41	203.38	204.38	204.13	204.38	0.000688	0.45	56.69	262.89	0.19
River 1	Reach 1	1251	PF 1	15.41	203.37	204.36	204.01	204.37	0.000179	0.26	92.97	339.50	0.10
River 1	Reach 1	1217	PF 1	15.41	203.30	204.36	203.97	204.36	0.000141	0.26	98.56	450.98	0.09
River 1	Reach 1	1192	PF 1	22.01	203.48	204.35	204.02	204.36	0.000344	0.38	91.61	460.63	0.15
River 1	Reach 1	1149	PF 1	22.01	203.32	204.34	204.06	204.35	0.000477	0.49	80.96	362.67	0.19
River 1	Reach 1	1115	PF 1	22.01	203.14	204.33	204.02	204.34	0.000328	0.48	101.99	347.33	0.16
River 1	Reach 1	1051	PF 1	22.01	202.99	204.32	203.91	204.32	0.000179	0.37	119.60	338.79	0.12
River 1	Reach 1	1021	PF 1	22.01	203.02	204.32	203.91	204.32	0.000141	0.34	132.62	343.88	0.11
River 1	Reach 1	981	PF 1	22.01	202.99	204.31	203.89	204.31	0.000108	0.30	142.24	331.08	0.09
River 1	Reach 1	914	PF 1	22.01	202.97	204.30	203.88	204.30	0.000197	0.41	106.75	266.23	0.13
River 1	Reach 1	847	PF 1	22.01	202.78	204.29		204.29	0.000100	0.28	139.16	287.22	0.09
River 1	Reach 1	760	PF 1	33.59	202.73	204.27		204.28	0.000203	0.41	135.79	245.35	0.12
River 1	Reach 1	673	PF 1	33.59	202.69	204.26		204.26	0.000107	0.32	159.89	221.95	0.09
River 1	Reach 1	639	PF 1	33.59	202.75	204.26		204.26	0.000111	0.33	161.61	234.91	0.10
River 1	Reach 1	606	PF 1	33.59	202.61	204.25	203.62	204.25	0.000201	0.45	126.80	204.86	0.13
River 1	Reach 1	600.5		Culvert									
River 1	Reach 1	599	PF 1	33.59	202.62	204.25	203.47	204.25	0.000168	0.41	127.26	182.20	0.12
River 1	Reach 1	582	PF 1	33.59	202.64	204.25		204.25	0.000181	0.45	123.21	178.27	0.13
River 1	Reach 1	526	PF 1	33.59	202.58	204.24		204.24	0.000131	0.39	143.12	201.25	0.11
River 1	Reach 1	459	PF 1	33.59	202.42	204.23		204.23	0.000132	0.41	138.18	184.72	0.11
River 1	Reach 1	442	PF 1	33.59	202.35	204.23	203.87	204.23	0.000048	0.26	219.90	275.44	0.07
River 1	Reach 1	440.5		Culvert									
River 1	Reach 1	430	PF 1	33.59	202.40	204.01	203.57	204.01	0.000104	0.33	178.33	247.63	0.09
River 1	Reach 1	410	PF 1	33.59	202.81	204.00	203.59	204.01	0.000691	0.70	95.82	209.62	0.23
River 1	Reach 1	359	PF 1	33.59	202.80	203.98	203.53	203.99	0.000461	0.57	104.65	259.95	0.19
River 1	Reach 1	297	PF 1	33.59	202.63	203.94		203.95	0.000622	0.77	78.87	138.71	0.23
River 1	Reach 1	208	PF 1	33.59	202.75	203.84	203.48	203.88	0.001529	1.07	44.98	80.19	0.35
River 1	Reach 1	49	PF 1	33.59	202.27	203.65	203.22	203.67	0.000987	0.94	68.24	120.19	0.29

Twenty Mile Ck 1 Reach 1

**Legend**

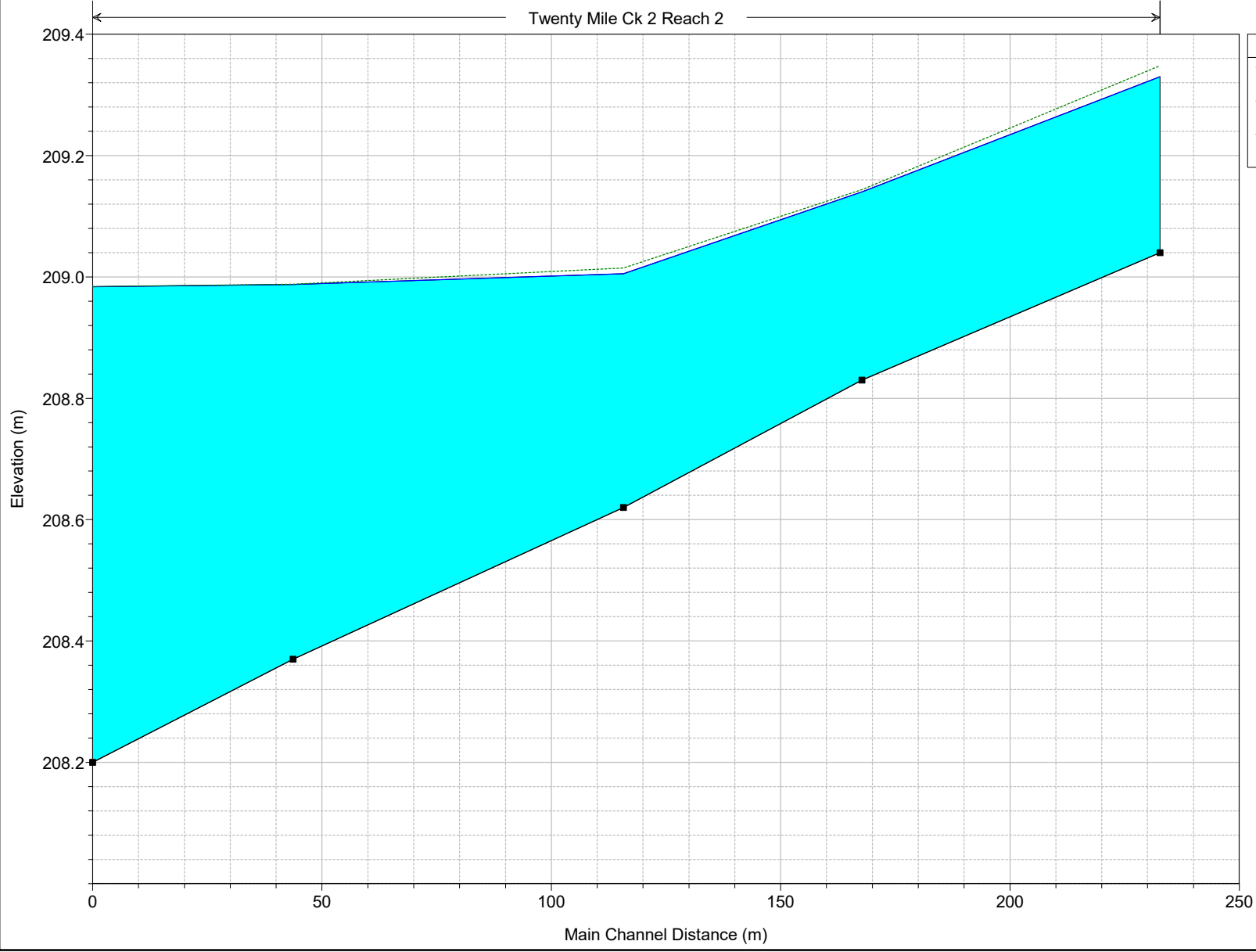
- EG PF 1
- WS PF 1
- Ground



Twenty Mile Ck 2 Reach 2

**Legend**

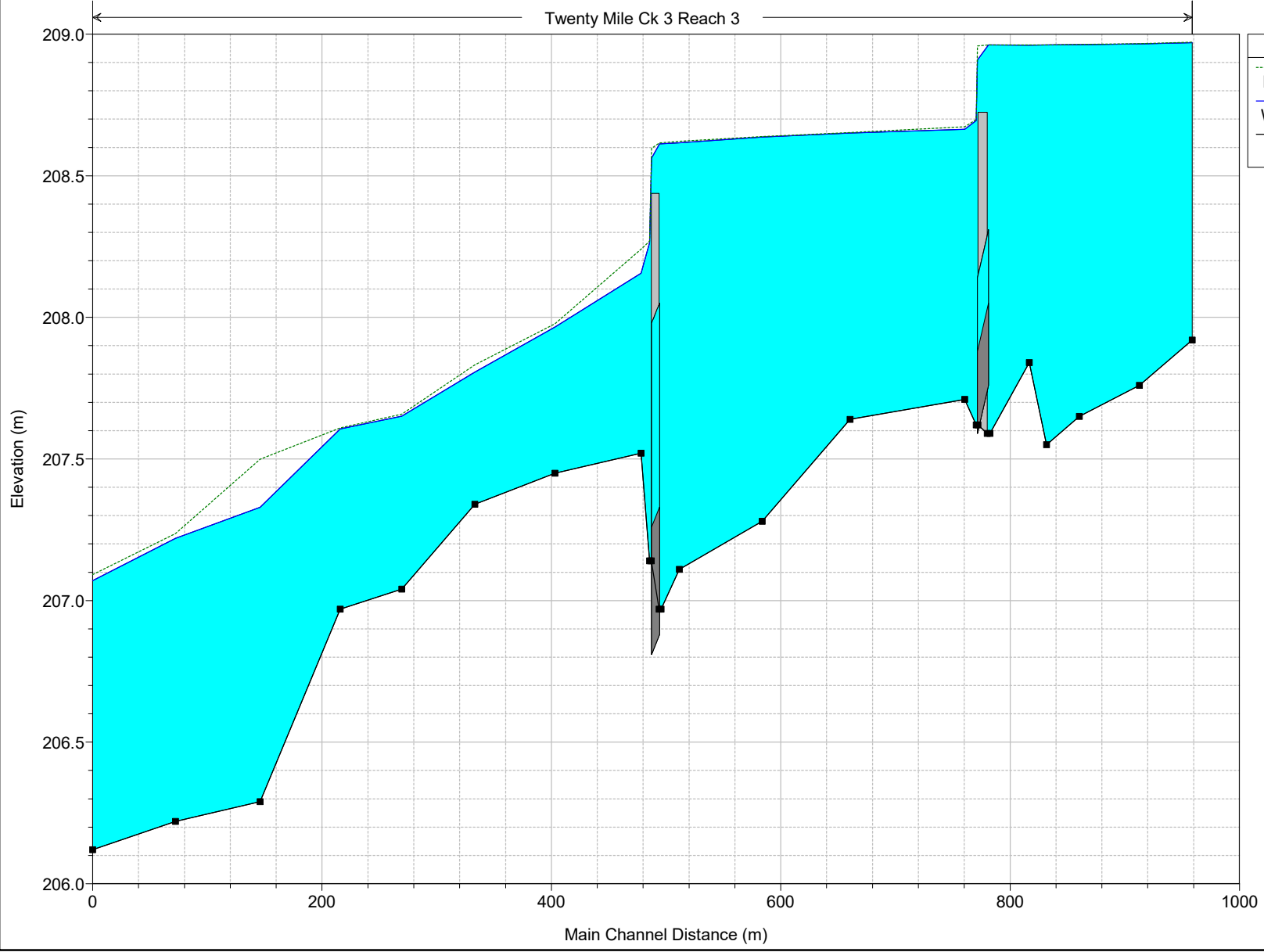
- EG PF 1
- WS PF 1
- Ground



Twenty Mile Ck 3 Reach 3

**Legend**

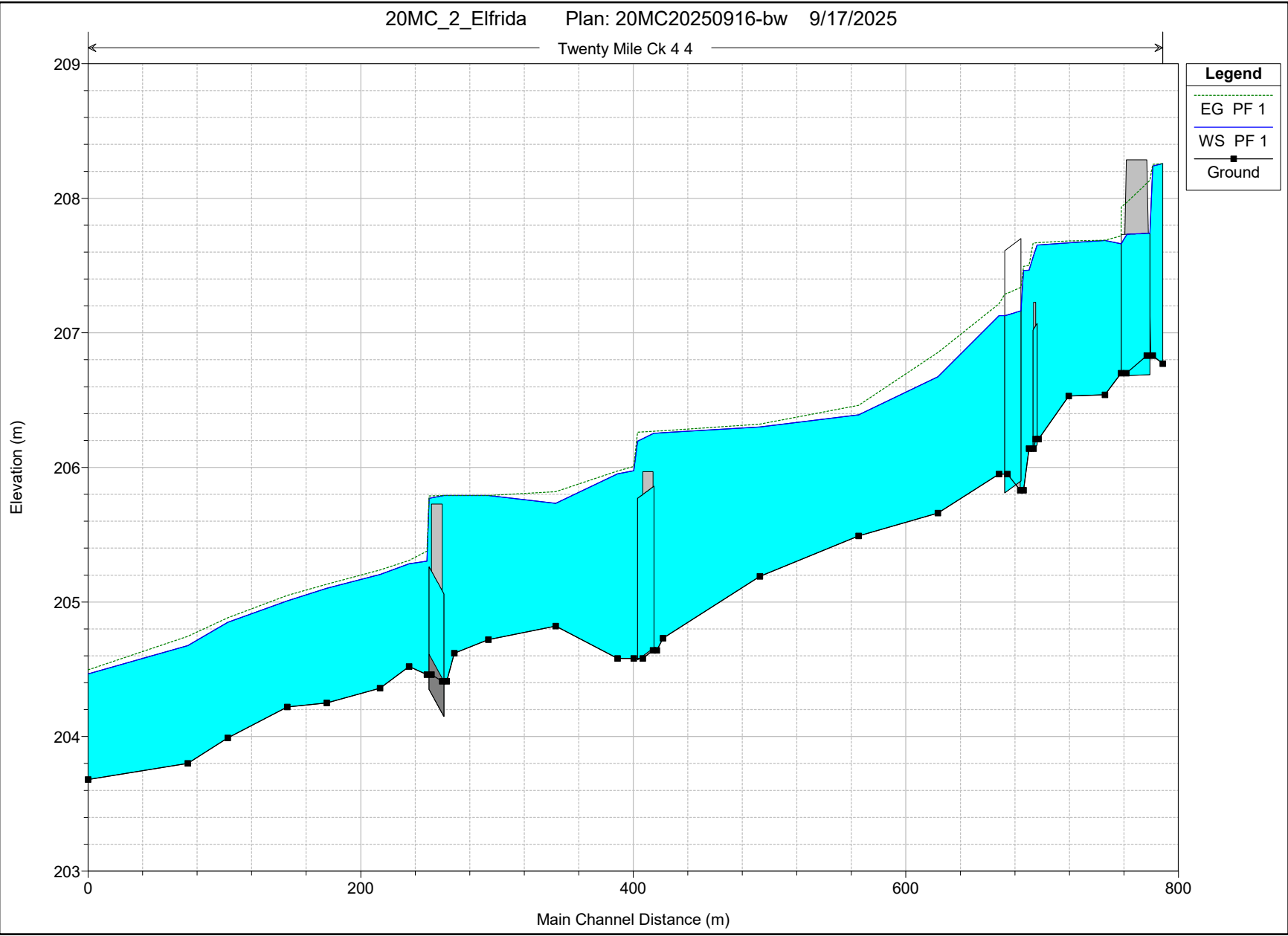
- EG PF 1
- WS PF 1
- Ground



River	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
Twenty Mile Ck 3	Reach 3	967	PF 1	8.53	207.92	208.97	208.71	208.97	0.000179	0.29	59.37	221.31	0.11
Twenty Mile Ck 3	Reach 3	921	PF 1	8.53	207.76	208.97	208.57	208.97	0.000057	0.17	81.27	202.43	0.06
Twenty Mile Ck 3	Reach 3	869	PF 1	8.53	207.65	208.96	208.47	208.96	0.000043	0.17	84.44	182.73	0.06
Twenty Mile Ck 3	Reach 3	841	PF 1	8.53	207.55	208.96	208.44	208.96	0.000032	0.15	90.83	178.86	0.05
Twenty Mile Ck 3	Reach 3	825	PF 1	8.53	207.84	208.96	208.41	208.96	0.000013	0.09	86.39	174.39	0.03
Twenty Mile Ck 3	Reach 3	791	PF 1	8.53	207.59	208.96	208.40	208.96	0.000001	0.04	166.89	217.26	0.01
Twenty Mile Ck 3	Reach 3	785	Culvert										
Twenty Mile Ck 3	Reach 3	779	PF 1	9.51	207.62	208.69	208.43	208.70	0.000297	0.44	42.50	120.63	0.15
Twenty Mile Ck 3	Reach 3	769	PF 1	9.51	207.71	208.66	208.36	208.67	0.000962	0.61	24.18	162.73	0.25
Twenty Mile Ck 3	Reach 3	669	PF 1	9.51	207.64	208.65	208.26	208.65	0.000199	0.26	54.23	139.68	0.11
Twenty Mile Ck 3	Reach 3	592	PF 1	9.51	207.28	208.64		208.64	0.000176	0.32	54.18	110.86	0.11
Twenty Mile Ck 3	Reach 3	520	PF 1	9.51	207.11	208.62	208.32	208.62	0.000324	0.49	37.75	199.57	0.15
Twenty Mile Ck 3	Reach 3	504	PF 1	9.51	206.97	208.61	207.89	208.62	0.000094	0.34	40.50	232.77	0.09
Twenty Mile Ck 3	Reach 3	500	Culvert										
Twenty Mile Ck 3	Reach 3	494	PF 1	9.51	207.14	208.26	208.05	208.27	0.000213	0.39	30.50	95.59	0.13
Twenty Mile Ck 3	Reach 3	487	PF 1	9.51	207.52	208.16	208.15	208.24	0.007984	1.51	9.17	83.79	0.70
Twenty Mile Ck 3	Reach 3	412	PF 1	9.51	207.45	207.97	207.78	207.98	0.001748	0.64	21.61	106.02	0.33
Twenty Mile Ck 3	Reach 3	342	PF 1	9.51	207.34	207.81		207.83	0.004443	1.07	16.50	97.45	0.52
Twenty Mile Ck 3	Reach 3	278	PF 1	9.51	207.04	207.65		207.66	0.001607	0.66	28.73	152.07	0.32
Twenty Mile Ck 3	Reach 3	225	PF 1	9.51	206.97	207.61	207.41	207.61	0.000572	0.45	39.03	146.74	0.20
Twenty Mile Ck 3	Reach 3	155	PF 1	9.51	206.29	207.33	207.15	207.50	0.007307	1.83	5.63	20.37	0.71
Twenty Mile Ck 3	Reach 3	81	PF 1	9.51	206.22	207.22		207.24	0.001515	0.84	23.43	111.86	0.32
Twenty Mile Ck 3	Reach 3	9	PF 1	9.51	206.12	207.07	206.96	207.09	0.002383	0.92	18.26	82.57	0.38
Twenty Mile Ck 2	Reach 2	264	PF 1	3.62	209.04	209.33	209.33	209.35	0.006464	0.82	6.54	49.84	0.56
Twenty Mile Ck 2	Reach 2	199	PF 1	3.62	208.83	209.14		209.14	0.001514	0.37	13.57	70.75	0.27
Twenty Mile Ck 2	Reach 2	147	PF 1	3.62	208.62	209.01	208.92	209.01	0.004502	0.62	8.85	85.88	0.44
Twenty Mile Ck 2	Reach 2	75	PF 1	3.62	208.37	208.99	208.75	208.99	0.000104	0.15	41.08	173.94	0.07
Twenty Mile Ck 2	Reach 2	31	PF 1	3.62	208.20	208.98	208.63	208.98	0.000067	0.14	47.12	160.86	0.06
Twenty Mile Ck 1	Reach 1	1125	PF 1	2.75	211.92	212.27	212.25	212.31	0.005633	0.75	3.32	25.99	0.52
Twenty Mile Ck 1	Reach 1	1090	PF 1	2.75	211.45	212.03	212.03	212.09	0.007086	1.24	2.96	24.98	0.64
Twenty Mile Ck 1	Reach 1	1007	PF 1	2.75	210.99	211.63	211.55	211.66	0.003691	0.95	4.69	29.77	0.45
Twenty Mile Ck 1	Reach 1	935	PF 1	2.75	210.97	211.42		211.44	0.002644	0.67	5.07	31.28	0.39
Twenty Mile Ck 1	Reach 1	865	PF 1	2.75	210.71	211.27	211.18	211.28	0.001840	0.54	6.98	79.00	0.32
Twenty Mile Ck 1	Reach 1	800	PF 1	2.75	210.42	211.03		211.06	0.007012	0.86	4.45	38.32	0.58
Twenty Mile Ck 1	Reach 1	727	PF 1	2.75	209.99	210.77	210.66	210.79	0.002227	0.71	5.14	52.42	0.35
Twenty Mile Ck 1	Reach 1	696	PF 1	2.75	209.77	210.53	210.47	210.64	0.014368	1.46	1.91	9.02	0.84
Twenty Mile Ck 1	Reach 1	625	PF 1	2.75	209.66	210.26		210.28	0.002328	0.69	4.56	20.40	0.37
Twenty Mile Ck 1	Reach 1	539	PF 1	2.75	209.54	210.12	209.97	210.13	0.001354	0.56	6.99	36.45	0.28
Twenty Mile Ck 1	Reach 1	458	PF 1	2.75	209.32	210.08	209.78	210.09	0.000248	0.32	13.72	51.36	0.13
Twenty Mile Ck 1	Reach 1	439	PF 1	2.75	209.13	210.08	209.77	210.08	0.000079	0.19	22.92	149.98	0.07
Twenty Mile Ck 1	Reach 1	435	Culvert										
Twenty Mile Ck 1	Reach 1	430	PF 1	2.75	209.13	209.71	209.70	209.72	0.001495	0.57	6.55	57.14	0.28
Twenty Mile Ck 1	Reach 1	404	PF 1	4.37	209.03	209.66	209.56	209.67	0.002108	0.66	9.87	78.56	0.34
Twenty Mile Ck 1	Reach 1	313	PF 1	4.37	209.14	209.51		209.52	0.001596	0.49	11.75	63.65	0.29
Twenty Mile Ck 1	Reach 1	249	PF 1	4.37	208.87	209.40	209.31	209.41	0.001851	0.65	10.41	64.89	0.33
Twenty Mile Ck 1	Reach 1	173	PF 1	4.37	208.59	209.05	209.05	209.12	0.012262	1.45	4.82	36.75	0.83
Twenty Mile Ck 1	Reach 1	92	PF 1	4.37	208.40	209.00	208.76	209.00	0.000367	0.34	21.06	102.54	0.15
Twenty Mile Ck 1	Reach 1	37	PF 1	4.37	208.26	208.99	208.71	208.99	0.000156	0.25	29.96	101.46	0.10

20MC\_2\_Elfrida Plan: 20MC20250916-bw 9/17/2025

Twenty Mile Ck 4 4



HEC-RAS Plan: 20250916 River: Twenty Mile Ck 4 Reach: 4 Profile: PF 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
4	792	PF 1	3.41	206.77	208.26		208.26	0.000004	0.05	98.85	166.19	0.02
4	785	PF 1	3.41	206.83	208.24	207.41	208.25	0.000300	0.52	6.98	213.23	0.15
4	770		Culvert									
4	762	PF 1	3.41	206.70	207.66	207.44	207.72	0.002842	1.20	3.58	108.99	0.42
4	750	PF 1	3.53	206.54	207.69		207.69	0.000094	0.23	28.67	90.88	0.08
4	723	PF 1	3.53	206.53	207.67	207.22	207.68	0.000670	0.60	8.52	45.06	0.22
4	701	PF 1	3.53	206.21	207.65	206.87	207.67	0.000346	0.59	6.48	10.90	0.19
4	699		Culvert									
4	694	PF 1	3.53	206.14	207.47	206.92	207.50	0.001482	0.82	4.32	5.60	0.30
4	690	PF 1	3.53	205.83	207.46	206.76	207.49	0.001026	0.77	4.59	5.23	0.26
4	680		Culvert									
4	672	PF 1	3.53	205.95	207.13	206.89	207.22	0.004847	1.32	2.67	4.63	0.56
4	627	PF 1	3.53	205.66	206.67	206.60	206.85	0.012896	1.88	1.88	20.48	0.83
4	569	PF 1	3.53	205.49	206.39		206.46	0.003625	1.20	3.41	15.27	0.51
4	497	PF 1	3.53	205.19	206.30		206.32	0.000986	0.72	6.99	23.49	0.26
4	425	PF 1	3.53	204.73	206.26		206.27	0.000488	0.56	7.79	20.69	0.18
4	421	PF 1	3.53	204.64	206.26	205.42	206.27	0.000462	0.57	7.33	16.25	0.18
4	415		Culvert									
4	404	PF 1	3.53	204.58	205.97	205.48	206.01	0.002690	0.83	4.96	12.01	0.29
4	392	PF 1	3.53	204.58	205.95		205.97	0.001780	0.69	7.56	19.29	0.23
4	347	PF 1	4.97	204.82	205.73		205.82	0.005739	1.44	6.49	25.22	0.59
4	297	PF 1	4.97	204.72	205.79		205.79	0.000011	0.08	67.79	141.22	0.03
4	272	PF 1	4.97	204.62	205.79		205.79	0.000035	0.14	51.02	117.67	0.05
4	267	PF 1	4.97	204.41	205.79	204.86	205.79	0.000006	0.09	98.09	274.96	0.02
4	260		Culvert									
4	252	PF 1	4.97	204.46	205.30	205.11	205.38	0.003654	1.33	4.47	76.98	0.50
4	239	PF 1	4.97	204.52	205.28		205.31	0.002965	0.91	9.75	59.26	0.42
4	218	PF 1	4.97	204.36	205.20	205.14	205.24	0.003605	1.04	8.99	71.54	0.47
4	179	PF 1	4.97	204.25	205.10		205.13	0.002047	0.92	8.79	36.81	0.37
4	150	PF 1	4.97	204.22	205.01	204.94	205.05	0.004168	1.06	7.21	34.39	0.51
4	106	PF 1	4.97	203.99	204.85	204.79	204.88	0.003462	1.02	8.48	55.67	0.46
4	77	PF 1	4.97	203.80	204.68	204.65	204.74	0.006371	1.29	5.47	31.37	0.62
4	4	PF 1	4.97	203.68	204.47	204.22	204.49	0.002021	0.85	9.45	58.49	0.36