

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon

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
ondenon	71	Q10	6.30	571.88	572.91	572.84	573.12	0.023674	2.05	3.12	5.92	0.76
ondenon	71	Q30	15.00	571.88	573.24	573.28	573.59	0.022431	2.53	5.91	10.62	0.78
ondenon	71	Q50	19.00	571.88	573.33	573.40	573.75	0.022404	2.67	6.92	11.69	0.79
ondenon	71	Q100	25.00	571.88	573.44	573.56	573.96	0.022410	2.84	8.30	13.00	0.81
ondenon	71	Q200	31.00	571.88	573.53	573.70	574.15	0.022411	2.98	9.55	14.08	0.82
ondenon	70	Q10	6.30	571.41	572.51	572.51	572.73	0.020728	2.09	3.06	7.06	0.75
ondenon	70	Q30	15.00	571.41	572.76	572.88	573.18	0.023676	2.69	5.46	11.57	0.83
ondenon	70	Q50	19.00	571.41	572.84	572.99	573.33	0.024516	2.86	6.35	12.85	0.86
ondenon	70	Q100	25.00	571.41	572.93	573.12	573.53	0.025099	3.05	7.61	14.46	0.88
ondenon	70	Q200	31.00	571.41	573.00	573.24	573.72	0.025848	3.22	8.72	15.74	0.90
ondenon	69	Q10	6.30	570.50	571.61	571.39	571.76	0.016761	1.73	3.64	4.50	0.61
ondenon	69	Q30	15.00	570.50	572.19	571.84	572.48	0.019858	2.39	6.27	4.50	0.65
ondenon	69	Q50	19.00	570.50	572.40	572.02	572.47	0.007153	1.52	19.50	19.10	0.39
ondenon	69	Q100	25.00	570.50	572.74	572.27	572.81	0.005375	1.46	26.12	19.10	0.33
ondenon	69	Q200	31.00	570.50	573.25	572.33	573.30	0.003272	1.27	35.82	19.10	0.26
ondenon	68	Q10	6.30	570.00	570.97	570.89	571.19	0.033883	2.06	3.06	4.80	0.82
ondenon	68	Q30	15.00	570.00	571.44	571.34	571.85	0.033883	2.83	5.29	4.80	0.86
ondenon	68	Q50	19.00	570.00	571.69	571.51	572.12	0.028922	2.93	6.49	4.80	0.80
ondenon	68	Q100	25.00	570.00	572.07	571.74	572.53	0.023371	3.00	8.33	4.80	0.73
ondenon	68	Q200	31.00	570.00	573.05	571.96	573.19	0.004978	1.84	22.03	9.60	0.36
ondenon	67	Q10	6.30	569.66	570.53	570.35	570.68	0.019783	1.70	3.70	5.82	0.68
ondenon	67	Q30	15.00	569.66	571.22	570.78	571.41	0.012547	1.95	7.68	5.82	0.54
ondenon	67	Q50	19.00	569.66	571.53	570.92	571.73	0.010956	2.00	9.49	5.82	0.50
ondenon	67	Q100	25.00	569.66	571.96	571.13	572.18	0.009820	2.08	12.01	5.82	0.46
ondenon	67	Q200	31.00	569.66	572.94	571.32	573.09	0.005307	1.75	17.69	5.82	0.32
ondenon	66	Q10	6.30	569.60	570.38	570.38	570.65	0.014393	2.30	2.74	5.00	0.83
ondenon	66	Q30	15.00	569.60	571.11	570.80	571.39	0.005716	2.37	6.32	4.77	0.62
ondenon	66	Q50	19.00	569.60	571.40	570.96	571.71	0.006329	2.48	7.67	4.38	0.59
ondenon	66	Q100	25.00	569.60	571.78	571.19	572.16	0.006880	2.71	9.23	3.71	0.59
ondenon	66	Q200	31.00	569.60	572.66	571.38	573.06	0.009362	2.81	11.04		0.51
ondenon	65	Q10	6.30	569.42	570.14	570.25	570.56	0.027079	2.89	2.18	4.25	1.09
ondenon	65	Q30	15.00	569.42	571.10	570.68	571.36	0.006450	2.27	6.60	4.28	0.56
ondenon	65	Q50	19.00	569.42	571.38	570.84	571.69	0.006555	2.44	7.78	4.09	0.56
ondenon	65	Q100	25.00	569.42	571.75	571.08	572.13	0.007408	2.71	9.21	3.50	0.57
ondenon	65	Q200	31.00	569.42	572.62	571.30	573.03	0.009788	2.82	11.00		0.50
ondenon	64	Q10	6.30	569.35	570.09	570.15	570.50	0.017482	2.85	2.21	3.50	1.15
ondenon	64	Q30	15.00	569.35	570.69	570.69	571.31	0.012726	3.48	4.31	3.50	1.00
ondenon	64	Q50	19.00	569.35	570.90	570.90	571.62	0.012786	3.77	5.04	3.50	1.00
ondenon	64	Q100	25.00	569.35	571.19	571.19	572.06	0.012855	4.12	6.07	3.50	1.00
ondenon	64	Q200	31.00	569.35	571.56	571.19	572.89	0.038860	5.11	6.06		1.10
ondenon	63.1	Q10	6.30	568.60	569.10	569.43	570.23	0.067363	4.69	1.34	2.85	2.18
ondenon	63.1	Q30	15.00	568.60	569.52	569.98	571.06	0.051043	5.50	2.73	3.45	1.97
ondenon	63.1	Q50	19.00	568.60	569.69	570.19	571.38	0.045819	5.76	3.30	3.45	1.88
ondenon	63.1	Q100	25.00	568.60	569.92	570.48	571.81	0.040894	6.09	4.10	3.45	1.78
ondenon	63.1	Q200	31.00	568.60	571.78	570.75	572.56	0.017058	3.91	7.94		0.70
ondenon	63	Q10	6.30	568.60	569.12	569.44	570.22	0.063761	4.64	1.36	2.85	2.15
ondenon	63	Q30	15.00	568.60	569.54	569.99	571.05	0.048877	5.45	2.75	3.45	1.95
ondenon	63	Q50	19.00	568.60	569.71	570.20	571.37	0.043970	5.71	3.33	3.45	1.86
ondenon	63	Q100	25.00	568.60	569.94	570.45	571.80	0.039317	6.04	4.14	3.45	1.76
ondenon	63	Q200	31.00	568.60	571.08	570.45	572.49	0.041858	5.26	5.89		1.07
ondenon	62	Q10	6.30	568.33	568.82	569.09	569.74	0.058964	4.23	1.49	3.45	2.06
ondenon	62	Q30	15.00	568.33	569.18	569.64	570.71	0.048897	5.47	2.74	3.45	1.96
ondenon	62	Q50	19.00	568.33	569.34	569.85	571.05	0.045404	5.79	3.28	3.45	1.90
ondenon	62	Q100	25.00	568.33	569.56	570.14	571.51	0.041654	6.18	4.05	3.45	1.82
ondenon	62	Q200	31.00	568.33	570.90	570.18	572.18	0.036030	5.02	6.18		1.00
ondenon	61	Q10	6.30	567.86	568.27	568.65	569.68	0.095830	5.25	1.20	2.90	2.60
ondenon	61	Q30	15.00	567.86	568.69	569.24	570.66	0.061948	6.21	2.41	2.90	2.17
ondenon	61	Q50	19.00	567.86	568.84	569.45	571.00	0.066478	6.51	2.92	3.45	2.26
ondenon	61	Q100	25.00	567.86	569.05	569.75	571.46	0.058701	6.88	3.64	3.45	2.14
ondenon	61	Q200	31.00	567.86	571.19	570.02	572.06	0.019892	4.11	7.54		0.72
ondenon	60	Q10	6.30	567.62	568.18	568.33	568.75	0.012444	3.36	1.87	3.45	1.46
ondenon	60	Q30	15.00	567.62	568.52	568.88	569.75	0.015443	4.91	3.06	3.45	1.67
ondenon	60	Q50	19.00	567.62	568.68	569.10	570.09	0.014814	5.25	3.62	3.45	1.64
ondenon	60	Q100	25.00	567.62	568.89	569.23	570.58	0.014810	5.75	4.34	3.45	1.64
ondenon	60	Q200	31.00	567.62	569.83	569.23	571.44	0.022697	5.63	5.50		1.21
ondenon	59.8	Q10	6.30	567.28	567.76	568.03	568.70	0.027015	4.31	1.46	3.45	2.12
ondenon	59.8	Q30	15.00	567.28	568.11	568.58	569.70	0.022594	5.58	2.69	3.45	2.02
ondenon	59.8	Q50	19.00	567.28	568.27	568.79	570.04	0.020831	5.90	3.22	3.45	1.95
ondenon	59.8	Q100	25.00	567.28	569.66	569.08	570.41	0.008621	3.82	6.54		0.79
ondenon	59.8	Q200	31.00	567.28	570.15	569.23	571.29	0.013255	4.74	6.54		0.89
ondenon	59	Q10	6.30	567.40	568.10	568.10	568.45	0.005805	2.64	2.39	3.45	1.01
ondenon	59	Q30	15.00	567.40	568.45	568.65	569.34	0.009443	4.18	3.59	3.45	1.31
ondenon	59	Q50	19.00	567.40	568.61	568.84	569.68	0.009768	4.58	4.15	3.45	1.33

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

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
ondenon	59	Q100	25.00	567.40	568.91	568.84	570.21	0.020456	5.05	4.95		1.31
ondenon	59	Q200	31.00	567.40	568.99	568.84	570.99	0.031453	6.26	4.95		1.59
ondenon	57	Q10	6.30	567.05	567.68	567.79	568.17	0.009749	3.10	2.03	3.45	1.29
ondenon	57	Q30	15.00	567.05	568.18	568.34	569.00	0.008331	4.00	3.75	3.45	1.22
ondenon	57	Q50	19.00	567.05	568.37	568.55	569.32	0.008216	4.30	4.42	3.45	1.21
ondenon	57	Q100	25.00	567.05	568.76	568.76	569.72	0.006530	4.35	5.75	3.45	1.07
ondenon	57	Q200	31.00	567.05	568.76	568.76	570.24	0.010031	5.39	5.75	3.45	1.33
ondenon	56	Q10	6.30	566.29	566.83	567.07	567.64	0.021014	3.98	1.58	3.47	1.88
ondenon	56	Q30	15.00	566.29	567.23	567.62	568.53	0.016686	5.05	2.97	3.47	1.74
ondenon	56	Q50	19.00	566.29	567.40	567.83	568.87	0.015674	5.36	3.54	3.47	1.70
ondenon	56	Q100	25.00	566.29	567.63	568.13	569.31	0.014580	5.74	4.36	3.47	1.64
ondenon	56	Q200	31.00	566.29	567.83	568.14	569.76	0.014572	6.15	5.04	3.47	1.63
ondenon	55	Q10	6.30	565.63	566.30	566.48	566.95	0.015843	3.57	1.77	3.45	1.59
ondenon	55	Q30	15.00	565.63	566.66	567.03	567.93	0.017039	4.99	3.01	3.45	1.71
ondenon	55	Q50	19.00	565.63	566.81	567.24	568.29	0.016773	5.39	3.53	3.45	1.70
ondenon	55	Q100	25.00	565.63	567.03	567.42	568.76	0.016129	5.83	4.28	3.45	1.67
ondenon	55	Q200	31.00	565.63	567.23	567.42	569.21	0.015979	6.24	4.97	3.45	1.66
ondenon	54	Q10	6.30	564.62	564.96	565.34	566.66	0.069244	5.79	1.09	3.45	3.29
ondenon	54	Q30	15.00	564.62	565.28	565.89	567.66	0.042402	6.84	2.19	3.45	2.74
ondenon	54	Q50	19.00	564.62	565.41	566.10	568.02	0.037751	7.16	2.65	3.45	2.61
ondenon	54	Q100	25.00	564.62	565.60	566.39	568.51	0.033134	7.55	3.31	3.45	2.46
ondenon	54	Q200	31.00	564.62	565.78	566.66	568.96	0.030456	7.90	3.92	3.45	2.36
ondenon	53	Q10	6.30	564.49	564.83	565.22	566.62	0.074703	5.92	1.06	3.45	3.40
ondenon	53	Q30	15.00	564.49	565.14	565.77	567.63	0.045285	6.98	2.15	3.45	2.82
ondenon	53	Q50	19.00	564.49	565.27	565.98	568.00	0.040135	7.31	2.60	3.45	2.69
ondenon	53	Q100	25.00	564.49	565.46	566.27	568.48	0.035064	7.69	3.25	3.45	2.53
ondenon	53	Q200	31.00	564.49	565.64	566.27	568.93	0.032072	8.03	3.86	3.45	2.43
ondenon	52	Q10	6.30	564.27	564.61	564.99	566.25	0.066070	5.67	1.11	3.45	3.19
ondenon	52	Q30	15.00	564.27	564.91	565.54	567.41	0.046558	7.01	2.14	3.45	2.84
ondenon	52	Q50	19.00	564.27	565.03	565.74	567.80	0.041784	7.37	2.58	3.45	2.72
ondenon	52	Q100	25.00	564.27	565.22	566.04	568.31	0.036833	7.78	3.21	3.45	2.58
ondenon	52	Q200	31.00	564.27	565.39	566.15	568.77	0.033797	8.14	3.81	3.45	2.47
ondenon	51	Q10	6.30	563.89	564.18	564.59	566.20	0.091537	6.29	1.00	3.45	3.72
ondenon	51	Q30	15.00	563.89	564.47	565.14	567.36	0.058043	7.53	1.99	3.45	3.17
ondenon	51	Q50	19.00	563.89	564.59	565.35	567.75	0.051163	7.88	2.41	3.45	3.01
ondenon	51	Q100	25.00	563.89	564.77	565.64	568.26	0.044265	8.28	3.02	3.45	2.83
ondenon	51	Q200	31.00	563.89	564.93	565.91	568.72	0.039957	8.62	3.60	3.45	2.70
ondenon	50	Q10	6.30	563.63	564.18	564.35	564.79	0.013293	3.44	1.83	3.45	1.51
ondenon	50	Q30	15.00	563.63	564.49	564.90	565.85	0.017882	5.17	2.90	3.45	1.80
ondenon	50	Q50	19.00	563.63	564.62	565.11	566.27	0.018710	5.69	3.34	3.45	1.85
ondenon	50	Q100	25.00	563.63	564.80	565.41	566.83	0.019285	6.31	3.96	3.45	1.88
ondenon	50	Q200	31.00	563.63	564.97	565.49	567.33	0.019565	6.80	4.56	3.45	1.89
ondenon	49.1	Q10	6.30	563.12	563.53	563.84	564.65	0.035134	4.68	1.35	3.45	2.39
ondenon	49.1	Q30	15.00	563.12	563.87	564.39	565.71	0.028559	6.02	2.49	3.45	2.26
ondenon	49.1	Q50	19.00	563.12	563.99	564.60	566.13	0.027595	6.47	2.94	3.45	2.24
ondenon	49.1	Q100	25.00	563.12	564.18	564.89	566.69	0.026532	7.02	3.56	3.45	2.20
ondenon	49.1	Q200	31.00	563.12	564.35	565.16	567.19	0.025776	7.47	4.15	3.45	2.17
ondenon	49	Q10	6.30	563.12	563.53	563.84	564.65	0.035134	4.68	1.35	3.45	2.39
ondenon	49	Q30	15.00	563.12	563.87	564.39	565.71	0.028559	6.02	2.49	3.45	2.26
ondenon	49	Q50	19.00	563.12	563.99	564.60	566.13	0.027595	6.47	2.94	3.45	2.24
ondenon	49	Q100	25.00	563.12	564.18	564.89	566.68	0.026508	7.01	3.56	3.45	2.20
ondenon	49	Q200	31.00	563.12	564.35	564.89	567.19	0.025757	7.47	4.15	3.45	2.17
ondenon	48	Q10	6.30	562.12	562.76	563.12	564.26	0.058680	5.42	1.16	3.45	2.98
ondenon	48	Q30	15.00	562.12	563.07	563.68	565.39	0.042473	6.75	2.22	3.45	2.68
ondenon	48	Q50	19.00	562.12	563.19	563.88	565.82	0.039537	7.17	2.65	3.45	2.61
ondenon	48	Q100	25.00	562.12	563.37	564.18	566.39	0.036526	7.70	3.25	3.45	2.53
ondenon	48	Q200	31.00	562.12	563.53	564.45	566.90	0.034483	8.13	3.81	3.45	2.47
ondenon	47	Q10	6.30	561.38	562.07	562.36	563.08	0.028169	4.45	1.41	3.45	2.22
ondenon	47	Q30	15.00	561.38	562.36	562.91	564.36	0.030619	6.27	2.39	3.45	2.41
ondenon	47	Q50	19.00	561.38	562.47	563.12	564.84	0.030528	6.81	2.79	3.45	2.42
ondenon	47	Q100	25.00	561.38	562.64	563.42	565.46	0.030117	7.45	3.36	3.45	2.41
ondenon	47	Q200	31.00	561.38	562.79	563.68	566.02	0.029631	7.96	3.89	3.45	2.39
ondenon	45	Q10	6.30	560.64	561.15	561.40	561.99	0.022480	4.07	1.55	3.45	1.94
ondenon	45	Q30	15.00	560.64	561.46	561.94	563.13	0.024437	5.73	2.62	3.45	2.10
ondenon	45	Q50	19.00	560.64	561.58	562.16	563.58	0.025063	6.27	3.03	3.45	2.14
ondenon	45	Q100	25.00	560.64	561.74	562.44	564.20	0.025687	6.95	3.60	3.45	2.17
ondenon	45	Q200	31.00	560.64	561.90	562.72	564.76	0.026030	7.50	4.14	3.45	2.19
ondenon	44	Q10	6.30	560.64	561.13	561.39	561.99	0.059767	4.10	1.54	3.76	1.87
ondenon	44	Q30	15.00	560.64	561.40	561.89	563.12	0.073151	5.80	2.59	4.00	2.13
ondenon	44	Q50	19.00	560.64	561.50	562.05	563.57	0.077773	6.37	2.98	4.09	2.20
ondenon	44	Q100	25.00	560.64	561.63	562.27	564.18	0.101235	7.08	3.53	5.08	2.27
ondenon	44	Q200	31.00	560.64	561.73	562.48	564.74	0.104389	7.69	4.03	5.01	2.35

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

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
ondenon	43	Q10	6.30	560.41	560.95	561.01	561.27	0.021061	2.50	2.52	5.76	1.08
ondenon	43	Q30	15.00	560.41	561.15	561.39	562.01	0.037116	4.09	3.67	5.62	1.51
ondenon	43	Q50	19.00	560.41	561.23	561.54	562.33	0.042719	4.65	4.09	5.56	1.64
ondenon	43	Q100	25.00	560.41	561.36	561.76	562.74	0.045218	5.20	4.81	5.47	1.70
ondenon	43	Q200	31.00	560.41	561.46	561.95	563.17	0.050418	5.79	5.35	5.40	1.80
ondenon	42	Q10	6.30	558.81	559.39	559.65	560.23	0.056302	4.07	1.55	3.59	1.70
ondenon	42	Q30	15.00	558.81	559.85	560.15	560.84	0.038821	4.41	3.40	4.88	1.38
ondenon	42	Q50	19.00	558.81	559.99	560.30	561.07	0.040166	4.61	4.12	5.73	1.36
ondenon	42	Q100	25.00	558.81	560.13	560.51	561.43	0.039846	5.04	4.97	5.68	1.40
ondenon	42	Q200	31.00	558.81	560.27	560.70	561.75	0.039425	5.39	5.75	5.59	1.42
ondenon	41	Q10	6.30	558.58	559.14	559.14	559.41	0.014340	2.30	2.73	4.97	0.99
ondenon	41	Q30	15.00	558.58	559.59	559.56	560.01	0.013381	2.88	5.20	5.49	0.92
ondenon	41	Q50	19.00	558.58	559.84	559.70	560.27	0.010788	2.89	6.57	5.28	0.82
ondenon	41	Q100	25.00	558.58	560.19	559.91	560.65	0.009432	3.00	8.33	4.99	0.76
ondenon	41	Q200	31.00	558.58	560.52	560.11	561.01	0.009066	3.13	9.91	4.57	0.72
ondenon	40.1	Q10	6.30	558.06	558.59	558.65	558.97	0.019247	2.74	2.30	4.66	1.21
ondenon	40.1	Q30	15.00	558.06	559.12	559.12	559.67	0.012629	3.28	4.57	5.65	1.02
ondenon	40.1	Q50	19.00	558.06	559.30	559.30	559.95	0.012776	3.57	5.32	5.52	1.03
ondenon	40.1	Q100	25.00	558.06	559.56	559.56	560.33	0.012665	3.90	6.41	5.34	1.02
ondenon	40.1	Q200	31.00	558.06	559.79	559.79	560.70	0.012915	4.21	7.36	5.17	1.02
ondenon	39.856	Q10	6.30	557.72	558.39	558.47	558.72	0.029723	2.54	2.48	6.45	1.31
ondenon	39.856	Q30	15.00	557.72	558.56	558.83	559.41	0.053805	4.07	3.69	7.35	1.84
ondenon	39.856	Q50	19.00	557.72	558.63	558.96	559.67	0.059019	4.51	4.21	7.71	1.95
ondenon	39.856	Q100	25.00	557.72	558.72	559.23	560.04	0.065848	5.08	4.92	8.18	2.09
ondenon	39.856	Q200	31.00	557.72	558.80	559.29	560.37	0.071353	5.56	5.58	8.58	2.20
ondenon	39.612	Q10	6.30	557.42	558.07	558.16	558.41	0.031776	2.58	2.44	6.51	1.35
ondenon	39.612	Q30	15.00	557.42	558.35	558.52	558.92	0.031423	3.34	4.49	8.02	1.43
ondenon	39.612	Q50	19.00	557.42	558.43	558.65	559.12	0.034105	3.69	5.16	8.45	1.51
ondenon	39.612	Q100	25.00	557.42	558.53	558.81	559.41	0.038468	4.16	6.01	8.97	1.62
ondenon	39.612	Q200	31.00	557.42	558.61	559.04	559.68	0.042292	4.57	6.78	9.42	1.72
ondenon	39.368	Q10	6.30	557.16	557.71	557.80	558.05	0.041876	2.59	2.43	8.04	1.50
ondenon	39.368	Q30	15.00	557.16	557.92	558.12	558.55	0.043917	3.51	4.28	9.25	1.65
ondenon	39.368	Q50	19.00	557.16	557.99	558.23	558.73	0.044649	3.80	5.00	9.68	1.69
ondenon	39.368	Q100	25.00	557.16	558.09	558.38	558.99	0.046415	4.20	5.96	10.22	1.76
ondenon	39.368	Q200	31.00	557.16	558.17	558.51	559.22	0.048129	4.54	6.83	10.69	1.81
ondenon	39.124	Q10	6.30	556.92	557.44	557.49	557.66	0.029599	2.10	2.99	10.52	1.26
ondenon	39.124	Q30	15.00	556.92	557.60	557.75	558.09	0.038370	3.10	4.84	11.52	1.53
ondenon	39.124	Q50	19.00	556.92	557.66	557.85	558.26	0.040829	3.43	5.54	11.88	1.60
ondenon	39.124	Q100	25.00	556.92	557.75	557.98	558.49	0.043382	3.83	6.52	12.36	1.68
ondenon	39.124	Q200	31.00	556.92	557.81	558.10	558.71	0.045931	4.19	7.40	12.78	1.76
ondenon	38.880	Q10	6.30	556.69	557.14	557.18	557.34	0.034396	1.99	3.17	13.66	1.32
ondenon	38.880	Q30	15.00	556.69	557.29	557.40	557.69	0.036694	2.80	5.36	14.46	1.47
ondenon	38.880	Q50	19.00	556.69	557.35	557.49	557.83	0.038161	3.09	6.15	14.74	1.53
ondenon	38.880	Q100	25.00	556.69	557.41	557.60	558.03	0.040901	3.49	7.17	15.10	1.61
ondenon	38.880	Q200	31.00	556.69	557.47	557.71	558.22	0.043326	3.83	8.09	15.41	1.69
ondenon	38.635	Q10	6.30	556.48	556.93	556.96	557.10	0.025145	1.80	3.49	13.75	1.14
ondenon	38.635	Q30	15.00	556.48	557.17	557.18	557.41	0.016130	2.16	6.94	14.81	1.01
ondenon	38.635	Q50	19.00	556.48	557.30	557.26	557.54	0.011943	2.13	8.91	15.46	0.90
ondenon	38.635	Q100	25.00	556.48	557.49	557.38	557.71	0.008795	2.12	11.79	16.36	0.80
ondenon	38.635	Q200	31.00	556.48	557.63	557.48	557.87	0.007784	2.19	14.16	17.05	0.77
ondenon	38.391	Q10	6.30	556.21	556.79	556.73	556.90	0.010231	1.43	4.41	12.45	0.77
ondenon	38.391	Q30	15.00	556.21	557.15	556.98	557.29	0.006008	1.62	9.26	14.46	0.65
ondenon	38.391	Q50	19.00	556.21	557.29	557.07	557.43	0.005359	1.69	11.27	15.20	0.62
ondenon	38.391	Q100	25.00	556.21	557.47	557.18	557.63	0.004726	1.77	14.16	16.14	0.60
ondenon	38.391	Q200	31.00	556.21	557.61	557.30	557.79	0.004593	1.88	16.50	16.70	0.60
ondenon	38.147	Q10	6.30	555.92	556.56	556.56	556.76	0.017104	1.94	3.24	8.44	1.00
ondenon	38.147	Q30	15.00	555.92	556.88	556.88	557.18	0.014660	2.43	6.18	10.20	1.00
ondenon	38.147	Q50	19.00	555.92	556.99	556.99	557.33	0.014221	2.58	7.36	10.83	1.00
ondenon	38.147	Q100	25.00	555.92	557.14	557.14	557.53	0.014002	2.78	8.98	11.63	1.01
ondenon	38.147	Q200	31.00	555.92	557.32	557.32	557.71	0.011211	2.76	11.38	16.53	0.93
ondenon	37.903	Q10	6.30	555.69	556.12	556.23	556.47	0.047411	2.63	2.40	8.57	1.59
ondenon	37.903	Q30	15.00	555.69	556.35	556.53	556.92	0.039903	3.36	4.47	9.65	1.57
ondenon	37.903	Q50	19.00	555.69	556.44	556.63	557.08	0.037272	3.55	5.35	10.07	1.55
ondenon	37.903	Q100	25.00	555.69	556.56	556.78	557.29	0.034428	3.78	6.62	10.65	1.53
ondenon	37.903	Q200	31.00	555.69	556.66	556.91	557.48	0.033497	4.01	7.74	11.14	1.54
ondenon	37.659	Q10	6.30	555.42	555.85	555.90	556.09	0.027304	2.13	2.95	9.57	1.23
ondenon	37.659	Q30	15.00	555.42	556.04	556.18	556.53	0.033474	3.10	4.84	10.36	1.45
ondenon	37.659	Q50	19.00	555.42	556.11	556.29	556.71	0.034976	3.41	5.57	10.65	1.51
ondenon	37.659	Q100	25.00	555.42	556.82	556.43	556.92	0.001980	1.32	18.59	20.94	0.40
ondenon	37.659	Q200	31.00	555.42	557.10	556.55	557.18	0.001257	1.20	24.55	24.18	0.33
ondenon	37.415	Q10	6.30	555.16	555.74	555.65	555.85	0.008488	1.48	4.25	9.89	0.72
ondenon	37.415	Q30	15.00	555.16	556.27	555.93	556.38	0.003557	1.48	10.16	12.19	0.52
ondenon	37.415	Q50	19.00	555.16	556.51	556.03	556.60	0.002308	1.35	14.79	22.17	0.43

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

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
ondenon	37.415	Q100	25.00	555.16	556.83	556.19	556.89	0.001237	1.16	21.93	22.73	0.33
ondenon	37.415	Q200	31.00	555.16	557.10	556.31	557.16	0.000825	1.07	28.70	25.03	0.27
ondenon	37.171	Q10	6.30	554.97	555.61	555.50	555.76	0.009088	1.71	3.68	6.67	0.74
ondenon	37.171	Q30	15.00	554.97	556.07	555.86	556.32	0.007796	2.20	6.81	6.83	0.71
ondenon	37.171	Q50	19.00	554.97	556.26	556.00	556.54	0.007412	2.34	8.11	6.89	0.69
ondenon	37.171	Q100	25.00	554.97	556.52	556.19	556.84	0.007143	2.53	9.90	6.98	0.68
ondenon	37.171	Q200	31.00	554.97	556.89	556.36	557.13	0.004282	2.22	14.57	12.62	0.53
ondenon	37	Q10	6.30	554.75	555.47	555.47	555.71	0.004021	2.16	2.91	6.10	1.00
ondenon	37	Q30	15.00	554.75	555.84	555.84	556.27	0.003309	2.88	5.20	6.10	1.00
ondenon	37	Q50	19.00	554.75	555.99	555.99	556.48	0.003131	3.12	6.09	6.10	1.00
ondenon	37	Q100	25.00	554.75	556.19	556.19	556.78	0.002947	3.42	7.32	6.10	1.00
ondenon	37	Q200	31.00	554.75	556.37	556.37	557.06	0.002848	3.69	8.41	6.10	1.00
ondenon	36.75*	Q10	6.30	554.54	555.27	555.36	555.64	0.008045	2.72	2.32	6.05	1.40
ondenon	36.75*	Q30	15.00	554.54	555.60	555.74	556.21	0.005576	3.44	4.36	6.05	1.30
ondenon	36.75*	Q50	19.00	554.54	555.74	555.89	556.43	0.005110	3.69	5.15	6.05	1.28
ondenon	36.75*	Q100	25.00	554.54	555.92	556.09	556.73	0.004577	3.98	6.28	6.05	1.25
ondenon	36.75*	Q200	31.00	554.54	556.09	556.27	557.01	0.004211	4.23	7.32	6.05	1.23
ondenon	36.5*	Q10	6.30	554.33	554.93	555.12	555.52	0.014907	3.42	1.84	5.08	1.81
ondenon	36.5*	Q30	15.00	554.33	555.24	555.50	556.11	0.010809	4.13	3.63	6.00	1.70
ondenon	36.5*	Q50	19.00	554.33	555.36	555.65	556.34	0.009641	4.39	4.33	6.00	1.65
ondenon	36.5*	Q100	25.00	554.33	555.53	555.85	556.64	0.008275	4.68	5.34	6.00	1.58
ondenon	36.5*	Q200	31.00	554.33	555.68	556.04	556.92	0.007403	4.93	6.29	6.00	1.54
ondenon	36.25*	Q10	6.30	554.12	554.66	554.89	555.36	0.018048	3.71	1.70	4.89	2.01
ondenon	36.25*	Q30	15.00	554.12	554.97	555.27	555.98	0.013529	4.46	3.37	5.95	1.89
ondenon	36.25*	Q50	19.00	554.12	555.08	555.42	556.22	0.012050	4.73	4.02	5.95	1.84
ondenon	36.25*	Q100	25.00	554.12	555.24	555.63	556.54	0.010378	5.05	4.95	5.95	1.77
ondenon	36.25*	Q200	31.00	554.12	555.39	555.81	556.83	0.009231	5.31	5.83	5.95	1.71
ondenon	36	Q10	6.30	553.91	554.29	554.56	555.17	0.020056	4.14	1.52	4.00	2.15
ondenon	36	Q30	15.00	553.91	554.65	554.99	555.83	0.017680	4.81	3.12	5.90	2.11
ondenon	36	Q50	19.00	553.91	554.75	555.14	556.08	0.015770	5.11	3.72	5.90	2.05
ondenon	36	Q100	25.00	553.91	554.90	555.34	556.41	0.013527	5.44	4.59	5.90	1.97
ondenon	36	Q200	31.00	553.91	555.04	555.53	556.71	0.011982	5.72	5.42	5.90	1.91
ondenon	27.201	Q10	6.30	553.83	554.17	554.39	554.98	0.027976	4.00	1.58	6.00	2.49
ondenon	27.201	Q30	15.00	553.83	554.41	554.76	555.68	0.020399	5.01	3.00	6.00	2.26
ondenon	27.201	Q50	19.00	553.83	554.50	554.91	555.94	0.018890	5.32	3.57	6.00	2.20
ondenon	27.201	Q100	25.00	553.83	554.64	555.11	556.29	0.017153	5.68	4.40	6.00	2.12
ondenon	27.201	Q200	31.00	553.83	554.77	555.30	556.59	0.015949	5.98	5.18	6.00	2.05
ondenon	27.102	Q10	6.30	553.57	554.57	554.33	554.68	0.031159	1.46	4.31	6.00	0.55
ondenon	27.102	Q30	15.00	553.57	554.42	554.72	555.43	0.379984	4.45	3.37	6.00	1.90
ondenon	27.102	Q50	19.00	553.57	554.51	554.86	555.70	0.377596	4.84	3.93	6.00	1.91
ondenon	27.102	Q100	25.00	553.57	554.64	555.06	556.07	0.366559	5.28	4.74	6.00	1.90
ondenon	27.102	Q200	31.00	553.57	554.77	555.25	556.39	0.355741	5.63	5.50	6.00	1.88
ondenon	27.003	Q10	6.30	553.31	554.32	554.26	554.52	0.081111	1.95	3.24	6.00	0.85
ondenon	27.003	Q30	15.00	553.31	554.74	554.64	555.09	0.077052	2.61	5.76	6.00	0.85
ondenon	27.003	Q50	19.00	553.31	554.91	554.78	555.31	0.076224	2.81	6.75	6.00	0.85
ondenon	27.003	Q100	25.00	553.31	555.14	554.99	555.62	0.075446	3.07	8.15	6.00	0.84
ondenon	27.003	Q200	31.00	553.31	555.36	555.17	555.91	0.075252	3.28	9.44	6.00	0.84
ondenon	26.904	Q10	6.30	553.05	554.11	554.00	554.27	0.062342	1.79	3.52	6.00	0.75
ondenon	26.904	Q30	15.00	553.05	554.53	554.38	554.84	0.067300	2.49	6.02	6.00	0.79
ondenon	26.904	Q50	19.00	553.05	554.69	554.53	555.07	0.068234	2.71	7.01	6.00	0.80
ondenon	26.904	Q100	25.00	553.05	554.92	554.73	555.38	0.068979	2.98	8.40	6.00	0.80
ondenon	26.904	Q200	31.00	553.05	555.14	554.91	555.66	0.070118	3.20	9.67	6.00	0.81
ondenon	26.805	Q10	6.30	552.79	553.74	553.74	553.99	0.119677	2.20	2.86	6.00	1.02
ondenon	26.805	Q30	15.00	552.79	554.12	554.12	554.55	0.107852	2.91	5.16	6.00	1.00
ondenon	26.805	Q50	19.00	552.79	554.27	554.27	554.78	0.107396	3.15	6.03	6.00	1.00
ondenon	26.805	Q100	25.00	552.79	554.47	554.47	555.08	0.108208	3.46	7.22	6.01	1.01
ondenon	26.805	Q200	31.00	552.79	554.65	554.65	555.36	0.108342	3.72	8.34	6.01	1.01
ondenon	26.706	Q10	6.30	552.53	553.36	553.30	553.55	0.075325	1.94	3.25	6.00	0.84
ondenon	26.706	Q30	15.00	552.53	553.57	553.67	554.13	0.149609	3.30	4.55	6.00	1.21
ondenon	26.706	Q50	19.00	552.53	553.71	553.82	554.35	0.146173	3.56	5.34	6.00	1.20
ondenon	26.706	Q100	25.00	552.53	553.89	554.02	554.66	0.143546	3.88	6.45	6.00	1.20
ondenon	26.706	Q200	31.00	552.53	554.06	554.21	554.94	0.141241	4.14	7.49	6.01	1.18
ondenon	26.607	Q10	6.30	552.27	553.06	553.03	553.28	0.085564	2.08	3.03	6.00	0.93
ondenon	26.607	Q30	15.00	552.27	553.51	553.41	553.86	0.062740	2.61	5.74	6.00	0.85
ondenon	26.607	Q50	19.00	552.27	553.68	553.56	554.08	0.060442	2.82	6.75	6.01	0.85
ondenon	26.607	Q100	25.00	552.27	553.90	553.76	554.39	0.060239	3.11	8.05	6.01	0.86
ondenon	26.607	Q200	31.00	552.27	554.08	553.95	554.66	0.062327	3.39	9.16	6.01	0.88
ondenon	26.508	Q10	6.30	552.01	552.91	552.77	553.06	0.046224	1.72	3.67	6.00	0.70
ondenon	26.508	Q30	15.00	552.01	553.42	553.15	553.67	0.037314	2.22	6.77	6.00	0.67
ondenon	26.508	Q50	19.00	552.01	553.59	553.30	553.90	0.038656	2.44	7.79	6.01	0.68
ondenon	26.508	Q100	25.00	552.01	553.80	553.50	554.19	0.041808	2.76	9.06	6.01	0.72
ondenon	26.508	Q200	31.00	552.01	553.98	553.69	554.46	0.046151	3.07	10.10	6.01	0.76

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ondenon	24.924	Q10	6.30	550.22	551.03	550.88	551.17	0.010791	1.67	3.78	6.00	0.67
ondenon	24.924	Q30	15.00	550.22	551.58	551.26	551.81	0.008971	2.11	7.11	6.01	0.62
ondenon	24.924	Q50	19.00	550.22	551.79	551.40	552.05	0.008885	2.27	8.38	6.01	0.61
ondenon	24.924	Q100	25.00	550.22	552.08	551.60	552.39	0.008964	2.47	10.11	6.01	0.61
ondenon	24.924	Q200	31.00	550.22	552.35	551.79	552.70	0.009075	2.65	11.71	6.01	0.61
ondenon	24.825	Q10	6.30	550.18	551.01	550.84	551.14	0.009617	1.61	3.91	6.00	0.64
ondenon	24.825	Q30	15.00	550.18	551.57	551.22	551.79	0.008372	2.06	7.26	6.01	0.60
ondenon	24.825	Q50	19.00	550.18	551.78	551.36	552.03	0.008378	2.23	8.53	6.01	0.60
ondenon	24.825	Q100	25.00	550.18	552.07	551.56	552.37	0.008540	2.44	10.26	6.01	0.60
ondenon	24.825	Q200	31.00	550.18	552.33	551.75	552.68	0.008709	2.61	11.87	6.06	0.60
ondenon	24.726	Q10	6.30	550.09	550.99	550.75	551.10	0.007058	1.45	4.34	6.00	0.55
ondenon	24.726	Q30	15.00	550.09	551.55	551.13	551.75	0.007107	1.95	7.70	6.01	0.55
ondenon	24.726	Q50	19.00	550.09	551.76	551.27	551.99	0.007314	2.12	8.96	6.01	0.55
ondenon	24.726	Q100	25.00	550.09	552.05	551.48	552.33	0.007665	2.34	10.68	6.01	0.56
ondenon	24.726	Q200	31.00	550.09	552.31	551.67	552.64	0.008036	2.53	12.27	6.07	0.57
ondenon	24.627	Q10	6.30	549.96	550.97	550.62	551.06	0.004521	1.26	5.01	6.00	0.44
ondenon	24.627	Q30	15.00	549.96	551.53	551.00	551.70	0.005584	1.79	8.36	6.01	0.49
ondenon	24.627	Q50	19.00	549.96	551.74	551.14	551.94	0.005975	1.98	9.61	6.01	0.50
ondenon	24.627	Q100	25.00	549.96	552.02	551.34	552.27	0.006507	2.21	11.31	6.01	0.51
ondenon	24.627	Q200	31.00	549.96	552.28	551.54	552.58	0.007321	2.41	12.89	6.37	0.54
ondenon	24.621*	Q10	6.30	549.95	550.97	550.61	551.05	0.027877	1.25	5.03	5.98	0.44
ondenon	24.621*	Q30	15.00	549.95	551.53	550.99	551.69	0.034885	1.80	8.35	5.98	0.49
ondenon	24.621*	Q50	19.00	549.95	551.73	551.14	551.93	0.037444	1.98	9.59	5.98	0.50
ondenon	24.621*	Q100	25.00	549.95	552.02	551.34	552.27	0.040905	2.22	11.28	5.98	0.52
ondenon	24.621*	Q200	31.00	549.95	552.28	551.53	552.57	0.047994	2.40	12.90	6.75	0.56
ondenon	24.615*	Q10	6.30	549.94	550.95	550.60	551.04	0.028658	1.27	4.98	5.96	0.44
ondenon	24.615*	Q30	15.00	549.94	551.50	550.98	551.67	0.035979	1.82	8.25	5.96	0.49
ondenon	24.615*	Q50	19.00	549.94	551.71	551.13	551.91	0.038688	2.01	9.47	5.96	0.51
ondenon	24.615*	Q100	25.00	549.94	551.99	551.33	552.24	0.042309	2.25	11.13	5.96	0.52
ondenon	24.615*	Q200	31.00	549.94	552.25	551.52	552.55	0.048298	2.43	12.77	6.60	0.56
ondenon	24.609*	Q10	6.30	549.93	550.94	550.59	551.02	0.029508	1.28	4.92	5.94	0.45
ondenon	24.609*	Q30	15.00	549.93	551.48	550.97	551.65	0.037233	1.84	8.15	5.94	0.50
ondenon	24.609*	Q50	19.00	549.93	551.68	551.12	551.89	0.040077	2.03	9.35	5.94	0.52
ondenon	24.609*	Q100	25.00	549.93	551.96	551.33	552.22	0.046103	2.27	11.01	6.34	0.55
ondenon	24.609*	Q200	31.00	549.93	552.22	551.52	552.52	0.048429	2.45	12.64	6.43	0.56
ondenon	24.603*	Q10	6.30	549.92	550.92	550.58	551.01	0.030494	1.30	4.86	5.91	0.46
ondenon	24.603*	Q30	15.00	549.92	551.46	550.97	551.64	0.038650	1.87	8.03	5.92	0.51
ondenon	24.603*	Q50	19.00	549.92	551.66	551.12	551.87	0.041644	2.06	9.22	5.92	0.53
ondenon	24.603*	Q100	25.00	549.92	551.93	551.32	552.20	0.047149	2.29	10.91	6.31	0.56
ondenon	24.603*	Q200	31.00	549.92	552.19	551.51	552.50	0.048917	2.48	12.52	6.32	0.56
ondenon	24.597*	Q10	6.30	549.91	550.90	550.58	550.99	0.031665	1.31	4.80	5.89	0.46
ondenon	24.597*	Q30	15.00	549.91	551.43	550.96	551.62	0.040304	1.90	7.91	5.89	0.52
ondenon	24.597*	Q50	19.00	549.91	551.63	551.11	551.85	0.046144	2.09	9.08	6.28	0.56
ondenon	24.597*	Q100	25.00	549.91	551.90	551.31	552.18	0.048350	2.32	10.80	6.29	0.56
ondenon	24.597*	Q200	31.00	549.91	552.16	551.50	552.47	0.050178	2.50	12.39	6.29	0.57
ondenon	24.591*	Q10	6.30	549.90	550.89	550.57	550.98	0.032941	1.33	4.73	5.87	0.47
ondenon	24.591*	Q30	15.00	549.90	551.41	550.95	551.59	0.042146	1.93	7.78	5.87	0.53
ondenon	24.591*	Q50	19.00	549.90	551.60	551.10	551.83	0.047382	2.12	8.98	6.26	0.56
ondenon	24.591*	Q100	25.00	549.90	551.87	551.30	552.15	0.049653	2.34	10.68	6.27	0.57
ondenon	24.591*	Q200	31.00	549.90	552.12	551.52	552.45	0.051539	2.53	12.25	6.27	0.58
ondenon	24.585*	Q10	6.30	549.89	550.87	550.56	550.96	0.034492	1.35	4.65	5.85	0.48
ondenon	24.585*	Q30	15.00	549.89	551.38	550.95	551.57	0.046892	1.96	7.66	6.24	0.56
ondenon	24.585*	Q50	19.00	549.89	551.57	551.09	551.81	0.048821	2.14	8.87	6.24	0.57
ondenon	24.585*	Q100	25.00	549.89	551.84	551.31	552.13	0.051176	2.37	10.55	6.24	0.58
ondenon	24.585*	Q200	31.00	549.89	552.09	551.50	552.42	0.053112	2.56	12.11	6.24	0.59
ondenon	24.579*	Q10	6.30	549.88	550.84	550.55	550.94	0.036252	1.38	4.57	5.82	0.50
ondenon	24.579*	Q30	15.00	549.88	551.35	550.94	551.55	0.048375	1.98	7.57	6.21	0.57
ondenon	24.579*	Q50	19.00	549.88	551.54	551.09	551.78	0.050403	2.17	8.76	6.22	0.58
ondenon	24.579*	Q100	25.00	549.88	551.81	551.31	552.10	0.052851	2.40	10.42	6.22	0.59
ondenon	24.579*	Q200	31.00	549.88	552.05	551.49	552.40	0.054916	2.59	11.95	6.22	0.60
ondenon	24.573*	Q10	6.30	549.87	550.82	550.54	550.92	0.038384	1.41	4.48	5.80	0.51
ondenon	24.573*	Q30	15.00	549.87	551.32	550.93	551.52	0.050111	2.01	7.47	6.19	0.58
ondenon	24.573*	Q50	19.00	549.87	551.51	551.10	551.76	0.052237	2.20	8.64	6.19	0.59
ondenon	24.573*	Q100	25.00	549.87	551.77	551.29	552.07	0.054851	2.43	10.27	6.19	0.60
ondenon	24.573*	Q200	31.00	549.87	552.02	551.47	552.37	0.056974	2.63	11.78	6.19	0.61
ondenon	24.567*	Q10	6.30	549.86	550.80	550.53	550.90	0.041005	1.44	4.38	5.78	0.53
ondenon	24.567*	Q30	15.00	549.86	551.29	550.94	551.50	0.052197	2.04	7.35	6.17	0.60
ondenon	24.567*	Q50	19.00	549.86	551.47	551.08	551.73	0.054423	2.23	8.51	6.17	0.61
ondenon	24.567*	Q100	25.00	549.86	551.73	551.28	552.05	0.057219	2.47	10.10	6.17	0.62
ondenon	24.567*	Q200	31.00	549.86	551.97	551.46	552.34	0.059550	2.68	11.58	6.17	0.62
ondenon	24.561*	Q10	6.30	549.85	550.77	550.52	550.88	0.045451	1.48	4.26	5.87	0.55
ondenon	24.561*	Q30	15.00	549.85	551.25	550.92	551.47	0.054734	2.08	7.22	6.14	0.61

HEC-RAS Plan: HTV_ondennon2 River: Ondennon Reach: ondenon (Continued)

Reach	River Sta	Profile	Q Total	Min Ch El	W.S. Elev	Crit W.S.	E.G. Elev	E.G. Slope	Vel Chnl	Flow Area	Top Width	Froude # Chl
			(m3/s)	(m)	(m)	(m)	(m)	(m/m)	(m/s)	(m2)	(m)	
ondennon	24.561*	Q50	19.00	549.85	551.44	551.06	551.70	0.057162	2.27	8.35	6.14	0.62
ondennon	24.561*	Q100	25.00	549.85	551.69	551.26	552.02	0.060059	2.52	9.92	6.14	0.63
ondennon	24.561*	Q200	31.00	549.85	551.93	551.45	552.31	0.062650	2.73	11.36	6.14	0.64
ondennon	24.555*	Q10	6.30	549.84	550.74	550.51	550.86	0.050277	1.50	4.19	6.11	0.58
ondennon	24.555*	Q30	15.00	549.84	551.21	550.90	551.44	0.057924	2.12	7.08	6.12	0.63
ondennon	24.555*	Q50	19.00	549.84	551.40	551.05	551.67	0.060473	2.32	8.18	6.12	0.64
ondennon	24.555*	Q100	25.00	549.84	551.65	551.25	551.98	0.063726	2.58	9.71	6.12	0.65
ondennon	24.555*	Q200	31.00	549.84	551.88	551.43	552.27	0.066432	2.79	11.12	6.12	0.66
ondennon	24.549*	Q10	6.30	549.83	550.71	550.52	550.83	0.053853	1.54	4.09	6.09	0.60
ondennon	24.549*	Q30	15.00	549.83	551.17	550.89	551.41	0.062061	2.17	6.90	6.09	0.65
ondennon	24.549*	Q50	19.00	549.83	551.35	551.03	551.64	0.065079	2.38	7.97	6.09	0.67
ondennon	24.549*	Q100	25.00	549.83	551.59	551.23	551.95	0.068511	2.64	9.45	6.09	0.68
ondennon	24.549*	Q200	31.00	549.83	551.82	551.42	552.24	0.071330	2.86	10.83	6.09	0.69
ondennon	24.543*	Q10	6.30	549.82	550.67	550.50	550.80	0.058972	1.59	3.96	6.07	0.63
ondennon	24.543*	Q30	15.00	549.82	551.12	550.87	551.38	0.068207	2.25	6.88	6.07	0.68
ondennon	24.543*	Q50	19.00	549.82	551.29	551.02	551.60	0.071542	2.47	7.71	6.07	0.70
ondennon	24.543*	Q100	25.00	549.82	551.53	551.22	551.91	0.075159	2.73	9.15	6.07	0.71
ondennon	24.543*	Q200	31.00	549.82	551.75	551.40	552.20	0.078027	2.96	10.48	6.07	0.72
ondennon	24.537*	Q10	6.30	549.81	550.63	550.48	550.77	0.067266	1.66	3.79	6.04	0.67
ondennon	24.537*	Q30	15.00	549.81	551.06	550.86	551.34	0.078277	2.36	6.37	6.04	0.73
ondennon	24.537*	Q50	19.00	549.81	551.22	551.00	551.56	0.082190	2.59	7.34	6.04	0.75
ondennon	24.537*	Q100	25.00	549.81	551.45	551.20	551.87	0.086015	2.87	8.72	6.04	0.76
ondennon	24.537*	Q200	31.00	549.81	551.66	551.39	552.15	0.088840	3.10	10.01	6.04	0.77
ondennon	24.531*	Q10	6.30	549.80	550.56	550.46	550.73	0.088565	1.82	3.46	6.02	0.77
ondennon	24.531*	Q30	15.00	549.80	550.95	550.84	551.29	0.102931	2.58	5.80	6.02	0.84
ondennon	24.531*	Q50	19.00	549.80	551.08	550.99	551.50	0.113388	2.89	6.58	6.02	0.88
ondennon	24.531*	Q100	25.00	549.80	551.28	551.19	551.81	0.118822	3.21	7.80	6.02	0.90
ondennon	24.531*	Q200	31.00	549.80	551.49	551.37	552.09	0.118967	3.43	9.03	6.02	0.89
ondennon	24.528	Q10	6.30	549.80	550.55	550.46	550.72	0.014017	1.81	3.47	6.00	0.76
ondennon	24.528	Q30	15.00	549.80	550.94	550.83	551.28	0.016478	2.59	5.80	6.00	0.84
ondennon	24.528	Q50	19.00	549.80	551.07	550.98	551.50	0.018305	2.90	6.56	6.00	0.89
ondennon	24.528	Q100	25.00	549.80	551.26	551.18	551.80	0.019769	3.25	7.69	6.01	0.92
ondennon	24.528	Q200	31.00	549.80	551.46	551.37	552.08	0.019819	3.48	8.90	6.01	0.91
ondennon	24.45	Bridge										
ondennon	24.429	Q10	6.30	549.72	550.52	550.37	550.66	0.010825	1.67	3.77	6.00	0.67
ondennon	24.429	Q30	15.00	549.72	550.89	550.75	551.21	0.014854	2.50	6.00	6.00	0.80
ondennon	24.429	Q50	19.00	549.72	551.00	550.90	551.42	0.017371	2.85	6.67	6.00	0.86
ondennon	24.429	Q100	25.00	549.72	551.13	551.10	551.71	0.022009	3.37	7.42	6.00	0.97
ondennon	24.429	Q200	31.00	549.72	551.28	551.28	551.99	0.023947	3.71	8.34	6.00	1.01
ondennon	24.330	Q10	6.30	549.77	550.46	550.33	550.61	0.013321	1.69	3.72	6.46	0.71
ondennon	24.330	Q30	15.00	549.77	550.84	550.71	551.13	0.015476	2.37	6.33	7.15	0.80
ondennon	24.330	Q50	19.00	549.77	550.96	550.85	551.32	0.016800	2.64	7.21	7.38	0.85
ondennon	24.330	Q100	25.00	549.77	551.11	551.04	551.57	0.018655	3.00	8.34	7.65	0.91
ondennon	24.330	Q200	31.00	549.77	551.06	551.21	551.84	0.033884	3.93	7.89	7.54	1.22
ondennon	24.231	Q10	6.30	549.55	550.22	550.16	550.41	0.019563	1.92	3.28	6.45	0.86
ondennon	24.231	Q30	15.00	549.55	550.59	550.54	550.91	0.020023	2.50	6.00	8.00	0.92
ondennon	24.231	Q50	19.00	549.55	550.73	550.68	551.09	0.020062	2.68	7.09	8.51	0.94
ondennon	24.231	Q100	25.00	549.55	550.90	550.86	551.33	0.020286	2.91	8.60	9.18	0.96
ondennon	24.231	Q200	31.00	549.55	551.05	551.02	551.53	0.020432	3.09	10.03	9.76	0.97
ondennon	24.132	Q10	6.30	549.38	550.03	549.97	550.22	0.020082	1.93	3.26	6.50	0.87
ondennon	24.132	Q30	15.00	549.38	550.40	550.36	550.72	0.020023	2.49	6.02	8.10	0.92
ondennon	24.132	Q50	19.00	549.38	550.54	550.49	550.90	0.019845	2.65	7.16	8.66	0.93
ondennon	24.132	Q100	25.00	549.38	550.72	550.67	551.13	0.019655	2.85	8.76	9.39	0.94
ondennon	24.132	Q200	31.00	549.38	550.87	550.84	551.34	0.019486	3.02	10.27	10.04	0.95
ondennon	24.033	Q10	6.30	549.27	549.92	549.87	550.11	0.020687	1.95	3.23	6.48	0.88
ondennon	24.033	Q30	15.00	549.27	550.31	550.25	550.62	0.019777	2.48	6.05	8.11	0.92
ondennon	24.033	Q50	19.00	549.27	550.44	550.39	550.80	0.019461	2.63	7.21	8.69	0.92
ondennon	24.033	Q100	25.00	549.27	550.62	550.57	551.03	0.019110	2.82	8.85	9.45	0.93
ondennon	24.033	Q200	31.00	549.27	550.79	550.73	551.24	0.018771	2.97	10.42	10.13	0.94
ondennon	23.934	Q10	6.30	549.14	549.81	549.75	549.99	0.019247	1.91	3.31	6.53	0.85
ondennon	23.934	Q30	15.00	549.14	550.21	550.13	550.50	0.017758	2.39	6.28	8.22	0.87
ondennon	23.934	Q50	19.00	549.14	550.36	550.27	550.68	0.017421	2.53	7.50	8.82	0.88
ondennon	23.934	Q100	25.00	549.14	550.54	550.45	550.92	0.017080	2.71	9.22	9.62	0.88
ondennon	23.934	Q200	31.00	549.14	550.71	550.61	551.12	0.016723	2.85	10.87	10.32	0.89
ondennon	23.835	Q10	6.30	549.02	549.71	549.62	549.88	0.017077	1.84	3.42	6.45	0.81
ondennon	23.835	Q30	15.00	549.02	550.11	550.01	550.40	0.016636	2.35	6.39	8.12	0.85
ondennon	23.835	Q50	19.00	549.02	550.25	550.15	550.58	0.016686	2.51	7.57	8.70	0.86
ondennon	23.835	Q100	25.00	549.02	550.43	550.34	550.81	0.016968	2.72	9.18	9.43	0.88
ondennon	23.835	Q200	31.00	549.02	550.59	550.50	551.02	0.017023	2.89	10.73	10.08	0.89
ondennon	23.736	Q10	6.30	548.88	549.59	549.48	549.75	0.015240	1.78	3.55	6.48	0.77
ondennon	23.736	Q30	15.00	548.88	549.99	549.87	550.26	0.015601	2.30	6.52	8.14	0.82
ondennon	23.736	Q50	19.00	548.88	550.13	550.01	550.44	0.015971	2.48	7.68	8.70	0.84

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

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
ondenon	23.736	Q100	25.00	548.88	550.28	550.20	550.67	0.017466	2.76	9.07	9.33	0.89
ondenon	23.736	Q200	31.00	548.88	550.44	550.36	550.88	0.017652	2.93	10.58	9.99	0.91
ondenon	23.637	Q10	6.30	548.70	549.33	549.31	549.55	0.023508	2.06	3.05	6.19	0.94
ondenon	23.637	Q30	15.00	548.70	549.72	549.70	550.06	0.022403	2.61	5.75	7.82	0.97
ondenon	23.637	Q50	19.00	548.70	549.86	549.84	550.25	0.021480	2.75	6.92	8.43	0.97
ondenon	23.637	Q100	25.00	548.70	550.08	550.02	550.49	0.019000	2.83	8.83	9.32	0.93
ondenon	23.637	Q200	31.00	548.70	550.27	550.18	550.70	0.017185	2.89	10.71	10.12	0.90
ondenon	23.538	Q10	6.30	548.38	549.28	549.17	549.44	0.015586	1.81	3.49	6.18	0.77
ondenon	23.538	Q30	15.00	548.38	549.63	549.58	549.96	0.020307	2.54	5.90	7.57	0.92
ondenon	23.538	Q50	19.00	548.38	549.76	549.72	550.14	0.020799	2.74	6.94	8.09	0.94
ondenon	23.538	Q100	25.00	548.38	549.94	549.91	550.39	0.020694	2.95	8.49	8.82	0.96
ondenon	23.538	Q200	31.00	548.38	550.10	550.08	550.60	0.020525	3.11	9.96	9.46	0.97
ondenon	23.439	Q10	6.30	548.51	549.10	549.10	549.34	0.027320	2.17	2.91	6.14	1.01
ondenon	23.439	Q30	15.00	548.51	549.52	549.49	549.86	0.020955	2.55	5.88	7.85	0.94
ondenon	23.439	Q50	19.00	548.51	549.68	549.62	550.04	0.019652	2.66	7.13	8.47	0.93
ondenon	23.439	Q100	25.00	548.51	549.88	549.81	550.28	0.018357	2.80	8.92	9.28	0.91
ondenon	23.439	Q200	31.00	548.51	550.05	549.97	550.49	0.017526	2.92	10.61	9.99	0.91
ondenon	23.340	Q10	6.30	548.21	549.05	548.83	549.16	0.008632	1.45	4.35	7.01	0.59
ondenon	23.340	Q30	15.00	548.21	549.51	549.22	549.69	0.009035	1.88	7.97	8.89	0.63
ondenon	23.340	Q50	19.00	548.21	549.67	549.36	549.87	0.009136	2.02	9.42	9.54	0.65
ondenon	23.340	Q100	25.00	548.21	549.87	549.54	550.12	0.009201	2.18	11.49	10.39	0.66
ondenon	23.340	Q200	31.00	548.21	550.05	549.70	550.33	0.009250	2.31	13.43	11.13	0.67
ondenon	23.241	Q10	6.30	548.10	548.85	548.73	549.01	0.014214	1.74	3.62	6.46	0.74
ondenon	23.241	Q30	15.00	548.10	549.26	549.13	549.53	0.014806	2.26	6.63	8.12	0.80
ondenon	23.241	Q50	19.00	548.10	549.41	549.27	549.71	0.014913	2.42	7.85	8.71	0.81
ondenon	23.241	Q100	25.00	548.10	549.60	549.45	549.95	0.015011	2.62	9.56	9.47	0.83
ondenon	23.241	Q200	31.00	548.10	549.76	549.62	550.16	0.015060	2.77	11.18	10.14	0.84
ondenon	23.142	Q10	6.30	547.96	548.59	548.59	548.84	0.027307	2.19	2.88	5.99	1.01
ondenon	23.142	Q30	15.00	547.96	548.99	548.99	549.36	0.024186	2.70	5.56	7.58	1.01
ondenon	23.142	Q50	19.00	547.96	549.13	549.13	549.54	0.023438	2.85	6.66	8.15	1.01
ondenon	23.142	Q100	25.00	547.96	549.31	549.31	549.78	0.022599	3.03	8.24	8.90	1.01
ondenon	23.142	Q200	31.00	547.96	549.48	549.48	549.99	0.021990	3.18	9.74	9.56	1.01
ondenon	23.043	Q10	6.30	547.80	548.35	548.43	548.69	0.045143	2.58	2.45	5.84	1.27
ondenon	23.043	Q30	15.00	547.80	548.69	548.81	549.21	0.040951	3.22	4.66	7.31	1.29
ondenon	23.043	Q50	19.00	547.80	548.81	548.95	549.40	0.039875	3.41	5.57	7.83	1.29
ondenon	23.043	Q100	25.00	547.80	548.96	549.13	549.64	0.038626	3.64	6.86	8.52	1.30
ondenon	23.043	Q200	31.00	547.80	549.10	549.29	549.85	0.037670	3.83	8.10	9.13	1.30
ondenon	22.944	Q10	6.30	547.70	548.45	548.29	548.58	0.011121	1.57	4.01	6.97	0.66
ondenon	22.944	Q30	15.00	547.70	548.89	548.67	549.09	0.011150	2.02	7.42	8.75	0.70
ondenon	22.944	Q50	19.00	547.70	549.04	548.81	549.28	0.011172	2.16	8.00	9.37	0.71
ondenon	22.944	Q100	25.00	547.70	549.24	548.99	549.51	0.011192	2.33	10.73	10.18	0.72
ondenon	22.944	Q200	31.00	547.70	549.41	549.14	549.72	0.011265	2.48	12.52	10.87	0.74
ondenon	22.845	Q10	6.30	547.63	548.30	548.25	548.49	0.020151	1.95	3.23	6.36	0.87
ondenon	22.845	Q30	15.00	547.63	548.66	548.63	549.00	0.021587	2.57	5.83	7.88	0.95
ondenon	22.845	Q50	19.00	547.63	548.80	548.78	549.18	0.021393	2.74	6.94	8.44	0.97
ondenon	22.845	Q100	25.00	547.63	548.99	548.96	549.42	0.020434	2.91	8.60	9.23	0.96
ondenon	22.845	Q200	31.00	547.63	549.23	549.12	549.64	0.016104	2.82	10.98	10.25	0.87
ondenon	22.746	Q10	6.30	547.50	548.14	548.09	548.32	0.020207	1.92	3.29	6.69	0.87
ondenon	22.746	Q30	15.00	547.50	548.52	548.46	548.82	0.018939	2.43	6.18	8.28	0.90
ondenon	22.746	Q50	19.00	547.50	548.68	548.59	549.00	0.017276	2.51	7.56	8.94	0.87
ondenon	22.746	Q100	25.00	547.50	548.90	548.77	549.25	0.015241	2.60	9.63	9.84	0.84
ondenon	22.746	Q200	31.00	547.50	549.19	548.93	549.50	0.011083	2.45	12.64	11.01	0.73
ondenon	22.647	Q10	6.30	547.33	547.88	547.88	548.11	0.028008	2.14	2.95	6.41	1.01
ondenon	22.647	Q30	15.00	547.33	548.25	548.25	548.63	0.024535	2.72	5.52	7.40	1.01
ondenon	22.647	Q50	19.00	547.33	548.39	548.39	548.82	0.023772	2.90	6.56	7.74	1.01
ondenon	22.647	Q100	25.00	547.33	548.80	548.57	549.12	0.012619	2.53	9.90	8.75	0.76
ondenon	22.647	Q200	31.00	547.33	549.10	548.74	549.41	0.009557	2.44	12.71	9.50	0.67
ondenon	22.548	Q10	6.30	547.19	547.63	547.72	548.01	0.011574	2.71	2.32	6.00	1.39
ondenon	22.548	Q30	15.00	547.19	548.02	548.10	548.55	0.007224	3.22	4.66	6.00	1.17
ondenon	22.548	Q50	19.00	547.19	548.30	548.25	548.76	0.004244	2.99	6.35	6.00	0.93
ondenon	22.548	Q100	25.00	547.19	548.51	548.45	549.06	0.004062	3.28	7.62	6.00	0.93
ondenon	22.548	Q200	31.00	547.19	548.71	548.64	549.34	0.003898	3.52	8.80	6.00	0.93
ondenon	22.5		Bridge									
ondenon	22.449	Q10	6.30	546.73	547.09	547.30	547.83	0.028452	3.79	1.66	6.00	2.30
ondenon	22.449	Q30	15.00	546.73	547.37	547.67	548.40	0.020745	4.48	3.35	6.00	1.92
ondenon	22.449	Q50	19.00	546.73	547.49	547.82	548.61	0.018404	4.69	4.05	6.00	1.82
ondenon	22.449	Q100	25.00	546.73	547.66	548.02	548.92	0.016198	4.97	5.03	6.00	1.73
ondenon	22.449	Q200	31.00	546.73	547.81	548.21	549.20	0.014677	5.22	5.94	6.00	1.67
ondenon	22.42	Q10	6.30	546.72	547.46	547.31	547.60	0.015436	1.67	3.77	6.08	0.68
ondenon	22.42	Q30	15.00	546.72	547.90	547.70	548.16	0.016915	2.28	6.58	6.85	0.74
ondenon	22.42	Q50	19.00	546.72	548.06	547.85	548.37	0.017257	2.47	7.70	7.13	0.76
ondenon	22.42	Q100	25.00	546.72	547.83	548.05	548.68	0.058108	4.09	6.12	6.73	1.37

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

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
ondenon	17	Q200	37.00	536.68	537.85	538.25	539.21	0.082236	5.16	7.17	6.72	1.60
ondenon	16.8	Q10	9.00	536.37	536.85	537.10	537.76	0.198774	4.21	2.14	6.14	2.28
ondenon	16.8	Q30	19.00	536.37	537.13	537.49	538.36	0.137577	4.92	3.86	6.26	2.00
ondenon	16.8	Q50	23.00	536.37	537.23	537.63	538.56	0.126257	5.11	4.50	6.30	1.93
ondenon	16.8	Q100	30.00	536.37	537.40	537.85	538.88	0.112182	5.39	5.57	6.37	1.84
ondenon	16.8	Q200	37.00	536.37	537.56	538.05	539.16	0.103001	5.61	6.60	6.50	1.78
ondenon	16.5	Q10	9.00	535.88	536.95	536.96	537.31	0.038040	2.67	3.39	5.21	1.04
ondenon	16.5	Q30	19.00	535.88	537.41	537.41	537.96	0.031424	3.28	5.95	5.80	1.00
ondenon	16.5	Q50	23.00	535.88	537.57	537.57	538.17	0.030062	3.45	6.89	6.00	0.99
ondenon	16.5	Q100	30.00	535.88	537.81	537.81	538.52	0.029522	3.75	8.36	6.30	1.00
ondenon	16.5	Q200	37.00	535.88	538.04	538.04	538.83	0.028389	3.96	9.85	6.59	0.99
ondenon	16.4	Q10	9.00	535.36	537.02	536.31	537.11	0.004694	1.34	6.71	4.90	0.37
ondenon	16.4	Q30	19.00	535.36	537.57	536.79	537.78	0.008095	2.00	9.48	5.17	0.47
ondenon	16.4	Q50	23.00	535.36	537.75	536.96	538.00	0.009277	2.21	10.39	5.25	0.50
ondenon	16.4	Q100	30.00	535.36	538.01	537.22	538.34	0.011230	2.54	11.80	5.38	0.55
ondenon	16.4	Q200	37.00	535.36	538.23	537.46	538.65	0.013165	2.84	13.01	5.50	0.59
ondenon	16	Q10	9.00	535.64	536.89	536.64	537.07	0.013165	1.87	4.82	5.42	0.63
ondenon	16	Q30	19.00	535.64	537.40	537.08	537.71	0.015182	2.47	7.70	5.88	0.69
ondenon	16	Q50	23.00	535.64	537.56	537.23	537.92	0.015842	2.65	8.69	6.02	0.70
ondenon	16	Q100	30.00	535.64	537.82	537.47	538.26	0.016894	2.92	10.27	6.25	0.73
ondenon	16	Q200	37.00	535.64	538.04	537.69	538.56	0.018084	3.17	11.67	6.45	0.75
ondenon	15	Q10	9.00	535.53	536.72	536.44	536.86	0.010372	1.65	5.46	6.43	0.57
ondenon	15	Q30	19.00	535.53	537.24	536.83	537.47	0.010852	2.13	8.94	6.94	0.60
ondenon	15	Q50	23.00	535.53	537.41	536.96	537.67	0.011122	2.27	10.12	7.10	0.61
ondenon	15	Q100	30.00	535.53	537.67	537.18	537.99	0.011576	2.50	12.02	7.38	0.62
ondenon	15	Q200	37.00	535.53	537.90	537.38	538.27	0.011807	2.70	13.74	7.87	0.64
ondenon	14	Q10	9.00	535.20	536.35	535.98	536.45	0.007313	1.43	6.31	7.15	0.48
ondenon	14	Q30	19.00	535.20	536.82	536.36	537.01	0.008856	1.94	9.82	7.73	0.55
ondenon	14	Q50	23.00	535.20	536.97	536.49	537.19	0.009335	2.09	11.00	7.92	0.57
ondenon	14	Q100	30.00	535.20	537.21	536.69	537.48	0.010061	2.32	12.91	8.21	0.59
ondenon	14	Q200	37.00	535.20	537.42	536.87	537.74	0.010696	2.53	14.65	8.47	0.61
ondenon	13	Q10	9.00	535.15	535.78	535.78	536.05	0.033235	2.33	3.86	7.07	1.01
ondenon	13	Q30	19.00	535.15	536.14	536.14	536.57	0.029890	2.90	6.56	7.75	1.01
ondenon	13	Q50	23.00	535.15	536.26	536.26	536.74	0.029219	3.06	7.52	7.98	1.01
ondenon	13	Q100	30.00	535.15	536.46	536.46	537.01	0.028324	3.29	9.12	8.35	1.01
ondenon	13	Q200	37.00	535.15	536.63	536.63	537.25	0.027704	3.48	10.62	8.68	1.01
ondenon	12	Q10	9.00	534.68	535.12	535.31	535.74	0.113207	3.49	2.58	6.31	1.74
ondenon	12	Q30	19.00	534.68	535.44	535.69	536.30	0.081584	4.09	4.64	6.59	1.56
ondenon	12	Q50	23.00	534.68	535.56	535.82	536.48	0.074839	4.25	5.42	6.69	1.51
ondenon	12	Q100	30.00	534.68	535.76	536.03	536.76	0.065643	4.44	6.76	6.86	1.43
ondenon	12	Q200	37.00	534.68	535.95	536.22	537.02	0.059164	4.58	8.07	7.03	1.37
ondenon	11	Q10	9.00	534.41	534.89	535.13	535.70	0.162531	3.97	2.27	6.11	2.08
ondenon	11	Q30	19.00	534.41	535.20	535.51	536.26	0.109095	4.56	4.17	6.38	1.80
ondenon	11	Q50	23.00	534.41	535.31	535.65	536.44	0.098823	4.71	4.88	6.47	1.73
ondenon	11	Q100	30.00	534.41	535.50	535.86	536.72	0.085340	4.90	6.12	6.64	1.63
ondenon	11	Q200	37.00	534.41	535.67	536.06	536.98	0.076811	5.06	7.31	6.79	1.56
ondenon	10	Q10	9.00	533.44	534.82	534.40	534.93	0.007445	1.50	6.01	6.15	0.48
ondenon	10	Q30	19.00	533.44	535.33	534.83	535.54	0.009521	2.04	9.29	6.67	0.55
ondenon	10	Q50	23.00	533.44	535.50	534.97	535.75	0.010119	2.21	10.42	6.84	0.57
ondenon	10	Q100	30.00	533.44	535.71	535.20	536.03	0.011989	2.53	11.87	7.05	0.62
ondenon	10	Q200	37.00	533.44	535.91	535.41	536.30	0.013228	2.77	13.34	7.26	0.65
ondenon	9	Q10	9.00	533.50	534.16	534.16	534.45	0.033661	2.36	3.81	6.79	1.01
ondenon	9	Q30	19.00	533.50	534.53	534.53	534.99	0.031208	2.98	6.39	7.16	1.01
ondenon	9	Q50	23.00	533.50	534.66	534.66	535.17	0.030766	3.15	7.30	7.28	1.01
ondenon	9	Q100	30.00	533.50	534.98	534.86	535.47	0.022843	3.10	9.69	7.60	0.88
ondenon	9	Q200	37.00	533.50	535.27	535.05	535.76	0.018973	3.09	11.96	7.88	0.80
ondenon	8	Q10	9.00	532.56	533.91	533.27	533.97	0.002765	1.02	8.85	8.27	0.31
ondenon	8	Q30	19.00	532.56	534.55	533.64	534.64	0.003025	1.32	14.38	9.14	0.34
ondenon	8	Q50	23.00	532.56	534.76	533.76	534.86	0.003083	1.41	16.35	9.44	0.34
ondenon	8	Q100	30.00	532.56	535.09	533.95	535.21	0.003180	1.54	19.54	9.89	0.35
ondenon	8	Q200	37.00	532.56	535.37	534.12	535.51	0.003310	1.65	22.40	10.28	0.36
ondenon	7	Q10	9.00	532.72	533.82	533.47	533.94	0.008611	1.52	5.92	6.56	0.51
ondenon	7	Q30	19.00	532.72	534.42	533.86	534.60	0.008171	1.88	10.11	7.28	0.51
ondenon	7	Q50	23.00	532.72	534.63	534.00	534.83	0.008108	1.98	11.61	7.52	0.51
ondenon	7	Q100	30.00	532.72	534.94	534.21	535.17	0.008115	2.14	14.04	7.90	0.51
ondenon	7	Q200	37.00	532.72	535.21	534.41	535.47	0.008329	2.29	16.18	8.22	0.52
ondenon	6	Q10	9.00	532.68	533.73	533.48	533.88	0.012220	1.70	5.28	6.43	0.60
ondenon	6	Q30	19.00	532.68	534.35	533.88	534.55	0.009902	2.01	9.46	7.13	0.56
ondenon	6	Q50	23.00	532.68	534.55	534.01	534.78	0.009623	2.10	10.93	7.35	0.55
ondenon	6	Q100	30.00	532.68	534.87	534.23	535.13	0.009441	2.26	13.30	7.71	0.55
ondenon	6	Q200	37.00	532.68	535.13	534.43	535.42	0.009628	2.41	15.36	8.00	0.56
ondenon	5	Q10	9.00	532.52	533.67	533.25	533.76	0.006314	1.38	6.50	6.98	0.46

HEC-RAS Plan: HTV_ondenon2 River: Ondenon Reach: ondenon (Continued)

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
ondenon	5	Q30	19.00	532.52	534.30	533.64	534.45	0.005931	1.70	11.21	7.85	0.45
ondenon	5	Q50	23.00	532.52	534.51	533.77	534.67	0.005921	1.79	12.86	8.13	0.45
ondenon	5	Q100	30.00	532.52	534.83	533.99	535.02	0.005990	1.93	15.52	8.57	0.46
ondenon	5	Q200	37.00	532.52	535.09	534.18	535.31	0.006226	2.07	17.84	8.93	0.47
ondenon	4	Q10	9.00	532.39	533.54	533.21	533.71	0.011623	1.80	5.01	5.14	0.58
ondenon	4	Q30	19.00	532.39	534.10	533.69	534.38	0.013695	2.35	8.07	5.83	0.64
ondenon	4	Q50	23.00	532.39	534.28	533.85	534.60	0.014272	2.52	9.14	6.06	0.65
ondenon	4	Q100	30.00	532.39	534.55	534.10	534.94	0.015121	2.77	10.98	8.37	0.67
ondenon	4	Q200	37.00	532.39	534.79	534.34	535.23	0.015631	2.98	13.23	10.26	0.68
ondenon	3	Q10	9.00	532.13	532.96	532.96	533.31	0.036610	2.63	3.43	4.94	1.01
ondenon	3	Q30	19.00	532.13	533.43	533.43	533.95	0.034270	3.19	5.95	5.73	1.00
ondenon	3	Q50	23.00	532.13	533.58	533.58	534.16	0.034177	3.37	6.83	5.98	1.01
ondenon	3	Q100	30.00	532.13	533.82	533.82	534.49	0.033729	3.61	8.30	6.40	1.01
ondenon	3	Q200	37.00	532.13	534.04	534.04	534.78	0.030846	3.81	9.83	7.74	0.98
ondenon	2	Q10	9.00	531.92	532.62	532.81	533.28	0.088313	3.57	2.52	4.38	1.51
ondenon	2	Q30	19.00	531.92	533.08	533.30	533.92	0.066529	4.05	4.69	5.14	1.35
ondenon	2	Q50	23.00	531.92	533.24	533.46	534.12	0.062282	4.18	5.51	5.40	1.32
ondenon	2	Q100	30.00	531.92	533.48	533.71	534.45	0.057814	4.37	6.86	5.81	1.28
ondenon	2	Q200	37.00	531.92	533.69	533.92	534.75	0.055253	4.55	8.13	6.16	1.27
ondenon	1	Q10	9.00	531.45	532.83	532.53	532.98	0.014013	1.74	5.16	6.70	0.63
ondenon	1	Q30	19.00	531.45	533.32	533.02	533.54	0.014014	2.06	9.21	9.70	0.68
ondenon	1	Q50	23.00	531.45	533.47	533.16	533.70	0.014008	2.16	10.65	10.56	0.69
ondenon	1	Q100	30.00	531.45	533.68	533.37	533.95	0.014003	2.30	13.03	11.85	0.70
ondenon	1	Q200	37.00	531.45	533.86	533.55	534.16	0.014028	2.42	15.26	12.94	0.71