

Appendix B-5

Minor River Table

G7G_MINOR RIVER INFORMATION

G7G - MAJOR RIVER SEGMENT 1-5

Gauging Station to Track Alignment

SEGMENT	NO	STATION (PK)	CATCHMENT AREA (km ²)	WATERCOURSES																			CULVERT SIZE (Ø-m)	COMMENTS	REFERENCE			
				RIVER	WIDTH OF RIVER ALONG TRACK		PERPENDICULAR WIDTH OF RIVER		MAXIMUM FLOW (1/100)							GROUND ELEVATION (m)	TRACK ELEVATION (m)	FP 1/50	FP 1/100	FLOW RATE(M3/S)								
					NORMAL (m)	MAXIMUM (m)	NORMAL (m)	MAXIMUM (m)	L (m)	P (m/m)	H (m)	Tc (h)	I(1/10) (mm/h)	DISCHARGE(1/10) (m ³ /s)	DISCHARGE (m ³ /s)					ELEVATION (m)	DEPTH (m)	VELOCITY (m/s)				25-year	50-year	100-year
1	1	1022+012	103	NO NAME	6	7	5	6	11 508.00	0.005	58	7.2	48.0	14.7	21.6	412.26	2.2	1.6	410.0	413.80	1.37	1.47		20.1	21.6	1x3.60		
	2	1041+420	243	DOVER RIVER	9	11	8	10	18 413.00	0.004	74	9.6	48.0	29.2	42.9	492.15	2.1	2.0	490.0	492.90	1.37	1.47		39.9	42.9	3x3.60		
	3	1105+264	68	NO NAME	5	7	5	7	10 334.00	0.004	41	7.1	48.0	10.5	15.5	543.84	1.5	1.5	542.4	544.20	1.37	1.47		14.4	15.5	1x3.00		
	4	1113+816	181	SEAFORTH	11	12	8	9	23 179.00	0.005	116	6.8	48.0	23.0	33.9	532.02	2.0	1.9	530.0	544.90	1.37	1.47		31.6	33.9	2x3.60		
	5	1149+172	30	NO NAME	3	4	2	3	10 214.00	0.011	112	3.2	48.0	5.5	8.0	562.71	1.9	1.4	560.8	562.30	1.37	1.47		7.5	8.0	1x2.40		
	6	1151+585	52	NO NAME	5	6	5	6	11 670.00	0.006	70	5.0	48.0	8.5	12.5	570.42	1.4	1.5	569.0	570.90	1.37	1.47		11.6	12.5	1x3.00		
	7	1205+793	51	NO NAME	5	6	5	6	6 365.00	0.004	25	7.7	48.0	8.4	12.3	519.22	1.4	1.5	517.9	522.20	1.37	1.47		11.5	12.3	1x3.00		
	8	1221+070	41	NO NAME	5	6	5	6	5 937.00	0.002	12	10.3	48.0	7.0	10.3	501.91	1.9	0.9	500.0	500.50	1.37	1.47		9.6	10.3	1x2.70		
	9	1230+000	32	OWL CREEK	4	5	4	5	2 567.00	0.005	13	8.4	48.0	5.8	8.5	461.67	1.7	1.0	460.0	462.90	1.37	1.47		7.9	8.5	1x2.40		
	10	1266+143	27	NO NAME	2	3	2	3	8 968.00	0.006	54	4.3	48.0	5.0	7.4	348.73	2.1	1.2	346.7	349.40	1.37	1.47		6.9	7.4	1x2.40		
2	11	2044+472	28	NO NAME	6	9	4	6	3 451.00	0.003	10	9.0	48.0	5.2	7.6	321.43	1.4	0.9	320.0	325.50	1.37	1.47		7.1	7.6	1x2.40		
	12	2067+828	35	NO NAME	3	4	2	3	11 453.00	0.003	34	6.2	48.0	6.2	9.1	342.63	2.0	1.5	340.6	340.80	1.37	1.47		8.5	9.1	1x2.40		
	13	2120+000	113	NO NAME	5	6	5	6	15 734.00	0.018	283	3.5	48.0	15.8	23.2	342.53	2.0	1.9	340.5	340.50	1.37	1.47		21.7	23.2	1x3.60		
	14	2127+782	61	NO NAME	4	5	4	5	6 711.00	0.014	94	4.3	48.0	9.7	14.2	371.01	1.9	1.5	369.1	365.70	1.37	1.47		13.2	14.2	1x3.00		
	15	2141+670	25	MELITO CREEK	4	5	3	4	7 201.00	0.032	230	2.0	48.0	4.7	6.9	421.26	1.6	1.1	419.7	521.90	1.37	1.47		6.5	6.9	1x2.40		
	16	2171+090	55	NO NAME	5	6	5	6	10 671.00	0.003	32	7.4	48.0	8.9	13.1	381.79	1.8	1.2	380.0	382.80	1.37	1.47		12.2	13.1	1x3.00		
	17	2180+727	253	NO NAME	9	11	9	11	31 050.00	0.002	62	11.0	48.0	30.1	44.3	372.26	2.2	1.8	370.0	365.70	1.37	1.47		41.3	44.3	3x3.60		
	18	2249+900	21	NO NAME	2	3	2	3	7 597.00	0.038	289	1.7	48.0	4.1	6.0	371.67	1.7	1.2	370.0	369.70	1.37	1.47		5.6	6.0	1x2.40		
	19	2253+386	32	NO NAME	4	5	4	5	7 038.00	0.022	155	2.6	48.0	5.8	8.5	372.07	1.7	1.0	370.4	369.70	1.37	1.47		7.9	8.5	1x2.40		
	20	2257+300	62	NO NAME	5	6	5	6	9 255.00	0.014	130	3.8	48.0	9.8	14.4	375.90	1.8	1.3	374.1	373.20	1.37	1.47		13.4	14.4	1x3.00		
21	2265+079	109	NO NAME	6	7	6	7	14 322.00	0.011	158	4.6	48.0	15.4	22.6	378.55	2.1	1.5	376.4	380.00	1.37	1.47		21.0	22.6	1x3.60			
22	2288+844	40	LITTLE HAY RIVER	2	3	2	3	7139	0.020	143	2.98	48.0	6.9	10.1	368.89	2.1	1.6	366.8	370.74	1.37	1.47		9.4	10.1	1x2.70			
23	2295+247	154	TIMBERWOLF CREEK	7	9	5	6	10790	0.006	65	8.11	48.0	20.2	29.8	371.92	2.0	2.5	369.9	371.90	1.37	1.47		27.7	29.8	2x3.60			
24	2316+815	308	TOWNSOITOI CREEK	10	13	8	10	3105	0.009	28	16.72	48.0	35.2	51.8	362.38	2.4	2.2	360.0	360.10	1.37	1.47		48.3	51.8	3x3.60			
25	2351+000	70	NO NAME	5	6	5	6	5627	0.006	34	7.62	48.0	10.8	15.8	421.90	1.9	1.4	420.0	420.00	1.37	1.47		14.8	15.8	1x3.00			
26	2362+842	143	METLAHDOA CREEK	11	13	11	13	12733	0.008	102	6.31	48.0	19.1	28.0	441.79	1.8	1.2	440.0	438.60	1.37	1.47		26.1	28.0	2x3.60			
3	27	3015+681	111	NO NAME	11	64	10	51	33601	0.003	101	6.33	80.4	43.7	65.6	431.44	1.4	0.9	430.0	441.00	1.33	1.50		58.1	65.6	3x3.60	Alignment to relocate between 3014+000 & 3015+681 to avoid multiple crossings	
	28	3019+286	85	NO NAME	7	35	6	37	18258	0.004	73	6.20	80.4	35.3	53.0	431.27	1.3	1.1	430.0	440.20	1.33	1.50		47.0	53.0	3x3.60		
	29	3029+000	92	UTAHN CREEK	9	11	9	11	6330	0.008	51	7.08	80.4	37.6	56.4	419.41	2.3	2.2	417.1	419.60	1.33	1.50		50.0	56.4	3x3.60		
	30	3215+277	99	TUSSOCK CREEK	9	11	9	11	13834	0.010	138	4.65	80.4	39.9	59.8	472.32	2.4	2.3	470.0	494.30	1.33	1.50		53.1	59.8	3x3.60		
	31	3217+578	111	NO NAME	10	12	10	12	8404	0.010	84	6.06	80.4	43.7	65.6	462.15	2.2	2.5	460.0	490.40	1.33	1.50		58.1	65.6	3x3.60		
	32	3314+250	80	TROPICAL CREEK	8	9	8	9	16802	0.015	252	3.23	80.4	33.6	50.5	793.40	2.5	2.2	790.8	822.58	1.33	1.50		44.7	50.5	3x3.60		
	33	3318+226	85	TROPICAL CREEK	8	9	8	9	12314	0.014	172	3.87	80.4	35.3	53.0	812.34	2.4	2.5	810.0	827.00	1.33	1.50		47.0	53.0	3x3.60		
	34	3379+540	43	SHAW CREEK	7	8	6	7	5638	0.053	299	2.07	80.4	20.5	30.7	732.17	2.2	2.0	730.0	746.00	1.33	1.50		27.2	30.7	2x3.60		
	35	3417+369	59	TSIA CREEK	8	9	8	9	15024	0.011	165	3.51	80.4	26.4	39.5	562.24	2.2	2.0	560.0	585.30	1.33	1.50		35.1	39.5	2x3.60		
	36	3452+299	196	NUSTLO CREEK	10	13	12	15	21433	0.011	236	4.92	80.4	68.9	103.3	562.61	2.6	2.6	560.0	562.00	1.33	1.50		91.6	103.3	4x3.60		
37	3509+181	87	NO NAME	11	13	8	9	39075	0.005	195	4.32	80.4	36.0	54.0	652.35	2.4	2.5	650.0	658.30	1.33	1.50		47.8	54.0	3x3.60			
4	38	4019+954	25	BORREAL YUKON	4	5	3	4	12377	0.009	111	3.13	80.4	13.3	19.9	652.00	2.0	2.5	650.0	658.30	1.33	1.50		17.6	19.9	1x3.60		
	39	4036+000	195	CABIN CREEK	13	16	12	15	20454	0.010	205	5.25	80.4	68.6	102.9	655.92	2.5	2.8	653.5	670.10	1.33	1.50		91.2	102.9	4x3.60		
	40	4072+000	138	NO NAME	11	13	11	13	6200	0.089	552	2.58	80.4	52.0	78.0	712.55	2.5	2.4	710.0	731.40	1.33	1.50		69.2	78.0	3x3.60		
	41	4092+220	61	NO NAME	8	10	8	10	10070	0.005	50	6.15	80.4	27.1	40.6	677.71	2.0	2.0	675.7	692.50	1.33	1.50		36.0	40.6	2x3.60		
	42	4142+000	52	NO NAME	8	9	8	9	16566	0.012	199	3.11	80.4	23.8	35.7	833.28	2.0	2.0	831.3	835.30	1.33	1.50		31.7	35.7	2x3.60		
	43	4161+870	56	NO NAME	8	9	8	9	11741	0.034	399	2.15	80.4	25.3	37.9	872.03	2.3	1.8	869.7	891.70	1.33	1.50		33.6	37.9	2x3.60		
	44	4209+488	251	NO NAME	14	16	14	16	14210	0.013	185	6.07	80.4	84.0	125.9	922.82	2.8	2.8	920.0	933.00	1.33	1.50		111.7	125.9	5x3.60		
	45	4230+885	203	FINLASON RIVER	13	16	13	16	26709	0.016	427	3.77	80.4	70.8	106.3	966.12	2.7	2.5	963.5	974.00	1.33	1.50		94.2	106.3	4x3.60		
	46	4246+504	108	NO NAME	8	10	8	10	13455	0.014	188	4.12	80.4	42.8	64.1	953.08	2.8	2.3	950.3	981.00	1.33	1.50		56.9	64.1	3x3.60		
	47	4267+100	26	NO NAME	3	4	3	4	5260	0.014	74	3.39	80.4	13.7	20.5	922.18	2.1	2.4	920.0	927.10	1.33	1.50		18.2	20.5	1x3.60		
48	4279+060	318	MINK CREEK	23	25	15	17	21441	0.015	322	5.22	80.4	101.5	152.2	862.92	2.9	3.1	860.0	877.00	1.33	1.50		134.9	152.2	5x3.60			
49	4280+871	129	NO NAME	15	18	13	15	16856	0.020	337	3.38	80.4	49.3	73.9	868.36	2.0	2.5	866.4	882.90	1.33	1.50		65.6	73.9	3x3.60			
50	4312+302	208	STRARR CREEK	13	16	13	16	24626	0.0																			

G7G_MINOR RIVER INFORMATION

G7G - MAJOR RIVER SEGMENT 1-5

Gauging Station to Track Alignment

SEGMENT	NO	STATION (PK)	CATCHMENT AREA (km²)	RIVER	WATERCOURSES																			CULVERT SIZE (Ø-m)	COMMENTS	REFERENCE		
					WIDTH OF RIVER ALONG TRACK		PERPENDICULAR WIDTH OF RIVER		MAXIMUM FLOW (1/100)							GROUND ELEVATION (m)	TRACK ELEVATION (m)	FP 1/50	FP 1/100	FLOW RATE(M3/S)								
					NORMAL (m)	MAXIMUM (m)	NORMAL (m)	MAXIMUM (m)	L (m)	P (m/m)	H (m)	Tc (h)	I(1/10) (mm/h)	DISCHARGE(1/10) (m³/s)	DISCHARGE (m³/s)					ELEVATION (m)	DEPTH (m)	VELOCITY (m/s)	25-year				50-year	100-year
5	52	4346+170	61	NO NAME	8	9	8	9	9812	0.031	304	2.49	80.4	27.1	40.6	867.07	1.7	2.6	865.3	844.40	1.33	1.50		36.0	40.6	2x3.6Ø		
	53	4364+477	58	DWIGER CREEK	8	9.0	8	9.0	13225	0.033	436	2.11	80.4	26.0	39.0	810.51	2.1	2.1	808.4	825.35	1.33	1.50		34.6	39.0	2x3.6Ø		
	54	4400+200	122	BUTTLE CREEK	13	15	13	15	20017	0.010	200	4.36	80.4	47.1	70.7	761.91	1.9	2.5	760.0	781.30	1.33	1.50		62.7	70.7	3x3.6Ø		
	55	4430+729	62	NO NAME	4	8	9	9	11166	0.019	212	3.05	80.4	27.4	41.1	750.89	2.1	2.2	748.8	751.90	1.33	1.50		36.5	41.1	2x3.6Ø		
	56	4443+544	134	NO NAME	13	15	13	15	14490	0.023	333	3.42	80.4	50.8	76.2	669.06	2.1	2.4	666.9	673.70	1.33	1.50		67.6	76.2	3x3.6Ø		
	57	4467+407	32	NO NAME	3	4	3	4	7540	0.090	679	1.26	80.4	16.2	24.2	657.25	2.2	2.7	655.0	668.80	1.33	1.50		21.5	24.2	1x3.6Ø		
58	4560+800	128	NO NAME	13	15	13	15	9456	0.016	151	4.85	80.4	49.0	73.5	589.85	1.9	2.6	588.0	605.90	1.33	1.50		65.2	73.5	3x3.6Ø			
5	59	5011+250	291	MCGREGOR CREEK	7	8	7	8	18257	0.015	274	5.39	43.4	27.5	39.7	532.27	2.3	2.2	530.0	543.46	1.25	1.44		34.4	39.7	2x3.6Ø		
	60	5030+250	173	MCCABE CREEK	4	5	4	5	17052	0.016	273	4.27	43.4	18.2	26.2	473.02	2.5	2.1	470.5	475.60	1.25	1.44		22.7	26.2	1x3.6Ø		
	61	5101+141	81	NO NAME	8	10	6	7	16054	0.014	225	3.42	43.4	9.9	14.3	461.35	1.4	1.5	460.0	457.90	1.25	1.44		12.4	14.3	1x3.0Ø		
	62	5142+614	110	ISAAC CREEK	3	4	3	4	16570	0.017	282	3.46	43.4	12.6	18.2	452.37	2.4	1.9	450.0	485.10	1.25	1.44		15.8	18.2	1x3.0Ø		
	63	5153+900	143	BRITANNIA CREEK	4	5	4	5	21461	0.024	515	2.92	43.4	15.6	22.5	461.22	2.2	2.0	459.0	485.80	1.25	1.44		19.5	22.5	1x3.6Ø		
	64	5195+100	233	INDEPENDANCE CREEK	5	6	5	6	15836	0.019	301	4.62	43.4	23.1	33.2	432.22	2.2	2.5	430.0	448.70	1.25	1.44		28.8	33.2	2x3.6Ø		
	65	5200+000	171	CARLISLE CREEK	4	5	4	5	18450	0.023	424	3.42	43.4	18.0	25.9	432.40	2.4	2.2	430.0	429.80	1.25	1.44		22.5	25.9	1x3.6Ø		
	66	5207+415	226	LOS ANGELES CREEK	5	6	5	6	25210	0.018	454	3.81	43.4	22.5	32.4	369.53	2.2	2.5	367.4	431.00	1.25	1.44		28.1	32.4	2x3.6Ø		
	67	5217+713	27	NO NAME	3	4	3	4	6275	0.077	483	1.37	43.4	4.1	5.9	365.87	1.2	1.2	364.6	376.70	1.25	1.44		5.1	5.9	1x2.1Ø		
	68	5249+259	97	NO NAME	5	6	5	6	12304	0.027	332	2.95	43.4	11.4	16.5	400.56	1.8	1.5	398.7	406.90	1.25	1.44		14.3	16.5	1x3.0Ø		
	69	5276+100	54	NO NAME	4	5	4	5	12107	0.038	460	1.98	43.4	7.2	10.3	417.31	1.3	1.6	416.0	424.20	1.25	1.44		8.9	10.3	1x2.7Ø		
	70	5287+000	219	NO NAME	8	10	6	8	19576	0.014	274	4.76	43.4	21.9	31.6	422.38	2.0	2.0	420.4	426.20	1.25	1.44		27.4	31.6	2x3.6Ø		
	71	5372+200	75	NO NAME	3	4	3	4	9136	0.016	146	3.89	43.4	9.3	13.4	601.72	1.8	1.9	600.0	605.00	1.25	1.44		11.6	13.4	1x2.7Ø		
	72	5420+217	265	CANAL OF TOK RIVER	22	25	19	21	31079	0.001	31	15.83	43.4	25.6	36.8	481.34	1.3	1.3	480.0	481.40	1.25	1.44		31.9	36.8	2x3.6Ø		
	73	5469+272	37	SHEEP CREEK	3	4	3	4	7106	0.084	597	1.41	43.4	5.3	7.6	468.23	1.4	1.4	466.9	473.20	1.25	1.44		6.6	7.6	1x2.4Ø		
74	5496+800	87	CHIEF CREEK	3	4	3	4	15799	0.026	411	2.60	43.4	10.5	15.1	441.95	2.0	1.9	440.0	438.70	1.25	1.44		13.1	15.1	1x3.0Ø			
75	5518+227	177	NO NAME	6	7	6	7	9404	0.012	113	6.51	43.4	18.5	26.6	391.97	2.0	1.9	390.0	395.50	1.25	1.44		23.1	26.6	1x3.6Ø			
76	5522+100	32	NO NAME	3	4	3	4	5260	0.029	153	2.56	43.4	4.7	6.8	392.92	1.1	1.5	391.8	399.60	1.25	1.44		5.9	6.8	1x2.4Ø			
77	5528+270	134	DRY CREEK	4	5	4	5	5768	0.042	242	3.84	43.4	14.8	21.3	402.34	2.4	1.8	400.0	396.30	1.25	1.44		18.5	21.3	1x3.6Ø			

NOTE: