

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	Boss Creek	Unnamed A	Unnamed B	Green Lake	Eagle Creek
Watershed ID	10	11	12	13	14
Area (km2)	138.001	21.9608	9.88961	236.457	146.473
Gross Area (ha)	13800	2196	989	23645	14647
Private Land (ha)	362.38	0	0	3271.2	270.62
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Residual	Residual	Residual	Residual	Residual
Total Area Harvested (ha)	4285.86	682.75	268.47	5783.22	1356.86
Recent or Planned Harvest (ha)	515.9	210.81	94.82	1049	617.8
Area of Pine leading stands (ha)	271.4	634.5	421.3	5441	2322.9
Area of Pine leading stands (%)	2	28.9	42.6	23	15.9
Area of Pine mixed stands (ha)	673	344.3	331.3	4065.4	5030
Area of Pine mixed stands (%)	4.9	15.7	33.5	17.2	34.3
Current hydrologically Equivalent Disturbed area (ha)	3327.63	984.09	472.21	4983.77	2884.36
Current hydrologically Equivalent Disturbed area (%)	24.11	44.81	47.75	21.08	19.96
Heda Score	2	4	5	2	2
Current Watershed Hazard Rating	Very Low	Moderate	High	Very Low	Very Low
Watershed Sensitivity Rating	Moderate	Low	Low	Moderate	Low
Watershed Risk Rating	Low	Low	Moderate	Low	Very Low
Rosgen Stream Type	C4	B4	B4	F4	B4
Rosgen Sensitivity Class	4	2	2	5	2
Peak Flow Buffer	0.95	0.95	0.95	0.6	0.95
Channel Stability Score	1.1	1	1	1.2	1.1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.9
Watershed Topography Score	0.92	0.92	0.92	0.95	0.92
Physical Sensitivity Score	3.46	1.57	1.57	3.1	1.72
Physical Sensitivity Class	Moderate	Low	Low	Moderate	Low
Main fish species in the watershed	RB, SU	RB	No fish info	KO, LKC, LSU,	BB, KO, LT, RB
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Moderate	Low	Low	Moderate	Low
Date of Analysis	Mar-08	Mar-08	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	Bridge Creek	Bonaparte Creek	Cavanagh Residual	Indian Creek	Fraser River
Watershed ID	15	16	17	18	19
Area (km2)	836.494	640.098	76.6454	87.9517	292.257
Gross Area (ha)	83649	64010	7664	28342	29230
Private Land (ha)	29745.2	4756.1	209.9	1440.75	10539.79
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Residual	Residual	Residual	Residual	Residual
Total Area Harvested (ha)	24754.54	19117.74	112.67	8108.08	1542.44
Recent or Planned Harvest (ha)	3058.1	5188.38	0	1830	0
Area of Pine leading stands (ha)	10393.1	11863.8	906.3	7052.5	557
Area of Pine leading stands (%)	19.3	20	11.8	24.9	1.9
Area of Pine mixed stands (ha)	10290	8741.6	1934.2	1832.3	557
Area of Pine mixed stands (%)	19.1	14.8	25.2	6.5	1.9
Current hydrologically Equivalent Disturbed area (ha)	15228.81	17175.4	879.6	8880.88	448
Current hydrologically Equivalent Disturbed area (%)	28.25	28.99	11.48	31.33	1.53
Heda Score	3	3	1	3	1
Current Watershed Hazard Rating	Low	Low	None	Low	None
Watershed Sensitivity Rating	Moderate	Very High	Very High	Very High	Very High
Watershed Risk Rating	Low	High	None	High	None
Rosgen Stream Type	C4	C4	G4	G4	G4
Rosgen Sensitivity Class	4	4	5	5	5
Peak Flow Buffer	0.95	1	1	1	1
Channel Stability Score	1.1	1.2	1	1	1
Watershed NDT Score	0.9	0.9	1	1	1
Watershed Topography Score	0.85	0.95	1	1	1
Physical Sensitivity Score	3.2	4.1	5	5	5
Physical Sensitivity Class	Moderate	High	Very High	Very High	Very High
Main fish species in the watershed	BB, KO, LSU, R	EB, CH, CO, CT	BT, CH, CO	BT, CH, CO	BT, CH, CO
Biological Sensitivity Rating	Moderate	High	Very High	Very High	Very High
Watershed Sensitivity Rating	Moderate	Very High	Very High	Very High	Very High
Date of Analysis	Jul-07	Jul-07	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	Lac La Hache	RAIL CREEK	FORBES CREEK	ROCK CREEK	LITTLE BRIDGE C
Watershed ID	20	31	32	33	34
Area (km2)	865.787	134.947	83.1569	233.416	137.166
Gross Area (ha)	86580	13495	8316	23340	13720
Private Land (ha)	8172	1069.1	373.7	2236.51	2320.04
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Residual	Small	Small	Small	Small
Total Area Harvested (ha)	38226	6836.67	4895	12140	9162
Recent or Planned Harvest (ha)	5128	1695.13	1811	1038	1734
Area of Pine leading stands (ha)	4638	1575.9	947	3090	962
Area of Pine leading stands (%)	5.4	12.7	11.4	13.2	7
Area of Pine mixed stands (ha)	7419	1531.6	696	2661	837
Area of Pine mixed stands (%)	8.6	12.3	8.4	11.4	6.1
Current hydrologically Equivalent Disturbed area (ha)	13122	4402.85	3114	5319.86	3990
Current hydrologically Equivalent Disturbed area (%)	15.16	35.44	37.45	22.79	29.08
Heda Score	2	4	4	2	3
Current Watershed Hazard Rating	Very Low	Moderate	Moderate	Very Low	Low
Watershed Sensitivity Rating	Low	Low	Low	Low	Moderate
Watershed Risk Rating	Very Low	Low	Low	Very Low	Low
Rosgen Stream Type	C4	B4	B4	E4	C4
Rosgen Sensitivity Class	4	2	2	3	4
Peak Flow Buffer	0.7	0.7	0.7	0.9	0.8
Channel Stability Score	1.1	1	1	1.1	1.1
Watershed NDT Score	0.85	0.85	0.85	0.9	0.9
Watershed Topography Score	0.85	0.8	0.85	0.89	0.92
Physical Sensitivity Score	2.23	0.95	1.01	2.37	2.91
Physical Sensitivity Class	Low	Very Low	Very Low	Low	Moderate
Main fish species in the watershed	BB, KO, RB, LT	RB, SU	RB	RB	BB, LKC, LW, P
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Low	Low	Low	Low	Moderate
Date of Analysis	Mar-08	Jul-07	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	NINETYTHRE E MILE CREEK	PIGEON CREEK	FAWN CREEK	COPPER JOHNNY CREEK	INDIAN MEADOWS CREEK
Watershed ID	35	36	37	38	39
Area (km2)	82.7282	109.592	57.7635	115.288	303.621
Gross Area (ha)	8273	10960	5776	11530	30362
Private Land (ha)	2891.69	159.26	1869.79	281.16	2020
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	3257	1645.69	1594.65	2608	8108.08
Recent or Planned Harvest (ha)	742	777	397.7	292.04	1830
Area of Pine leading stands (ha)	2267	2727	1025.1	4350	7052.5
Area of Pine leading stands (%)	27.4	24.9	17.7	37.7	24.9
Area of Pine mixed stands (ha)	970	1194	1646.7	864.8	1832.3
Area of Pine mixed stands (%)	11.7	10.9	28.5	7.5	6.5
Current hydrologically Equivalent Disturbed area (ha)	2539	3393	1308.81	4439	8880.88
Current hydrologically Equivalent Disturbed area (%)	30.69	30.96	22.66	38.5	31.33
Heda Score	3	3	2	4	3
Current Watershed Hazard Rating	Low	Low	Very Low	Moderate	Low
Watershed Sensitivity Rating	Low	Low	Low	Low	Moderate
Watershed Risk Rating	Very Low	Very Low	Very Low	Low	Low
Rosgen Stream Type	B4	B4	B4c	B4	C4
Rosgen Sensitivity Class	2	2	2	2	4
Peak Flow Buffer	0.9	1	0.95	0.9	0.8
Channel Stability Score	1.1	1	1.1	1.1	1.1
Watershed NDT Score	0.9	0.9	0	0.9	0.9
Watershed Topography Score	0.92	0.95	0.92	0.92	0.92
Physical Sensitivity Score	1.63	1.71	1.73	1.64	2.9
Physical Sensitivity Class	Low	Low	Low	Low	Moderate
Main fish species in the watershed	LKC, RB, RSC	No Date	LKC, RB	No Data	No Date
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Low	Low	Low	Low	Moderate
Date of Analysis	Mar-08	Mar-08	Mar-08	Mar-08	Jul-07

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	CUNNINGHAM LAKE	BROWN CREEK	SEPERATING LAKE	Unnamed C	FLY CREEK
Watershed ID	40	41	42	43	44
Area (km2)	108.169	74.4462	84.439	134.205	128.195
Gross Area (ha)	10817	7445	8444	13420	12819
Private Land (ha)	459.8	209.7	1283.32	569.9	715.21
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	2769.64	1604.36	390	4959.96	4781.43
Recent or Planned Harvest (ha)	1835.43	831.82	0	1292.96	37.3
Area of Pine leading stands (ha)	3568	3412.9	562	4891.4	4065.8
Area of Pine leading stands (%)	34.4	47.2	6.7	38.1	31.7
Area of Pine mixed stands (ha)	1775.3	1108.5	603	651.3	1458.2
Area of Pine mixed stands (%)	17.1	15.3	7.1	5.1	11.4
Current hydrologically Equivalent Disturbed area (ha)	4612.1	3470.11	422	6252.56	3973.36
Current hydrologically Equivalent Disturbed area (%)	44.53	47.96	5	48.66	30.99
Heda Score	4	5	1	5	3
Current Watershed Hazard Rating	Moderate	High	None	High	Low
Watershed Sensitivity Rating	Very Low	Low	Low	Very Low	Low
Watershed Risk Rating	Very Low	Moderate	None	Low	Very Low
Rosgen Stream Type	B4	B4	B4	B4	B4
Rosgen Sensitivity Class	2	2	2	2	2
Peak Flow Buffer	0.6	0.95	1	0.6	0.95
Channel Stability Score	1	1.1	1.1	1	1.1
Watershed NDT Score	0	0.9	0.9	0.9	0.9
Watershed Topography Score	0.92	0.92	0.95	0.9	0.95
Physical Sensitivity Score	1	1.73	1.9	1	1.8
Physical Sensitivity Class	Very Low	Low	Low	Very Low	Low
Main fish species in the watershed	No Data	RB	No Data	No Data	RB
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Very Low	Low	Low	Very Low	Low
Date of Analysis	Jul-07	Jul-07	Mar-08	Jul-07	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	SCOT CREEK	ELBOW LAKE	LOON CREEK	STABLE CREEK	BRIGADE CREEK
Watershed ID	45	46	47	48	49
Area (km2)	62.7867	43.9907	310.29	52.7797	79.3452
Gross Area (ha)	6279	4399	31029	5278	7935
Private Land (ha)	67.94	435.78	1640.89	196.81	27
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	2350.19	956.49	12978.73	1297	3591
Recent or Planned Harvest (ha)	930.5	21.74	1010.6	0	1314.4
Area of Pine leading stands (ha)	2223.6	2667.2	4707.4	1865	1792.8
Area of Pine leading stands (%)	35.4	60.6	15.2	35.3	22.7
Area of Pine mixed stands (ha)	1012.8	428.2	3237.4	1001	1073.6
Area of Pine mixed stands (%)	16.1	9.7	10.4	19	13.6
Current hydrologically Equivalent Disturbed area (ha)	2660.87	2308.3	6188.33	1708	3575.6
Current hydrologically Equivalent Disturbed area (%)	42.38	52.47	19.94	32.37	45.22
Heda Score	4	5	2	3	5
Current Watershed Hazard Rating	Moderate	High	Very Low	Low	High
Watershed Sensitivity Rating	Low	Moderate	High	Low	Very Low
Watershed Risk Rating	Low	High	Low	Very Low	Low
Rosgen Stream Type	B4	C4	C4	B4	B4
Rosgen Sensitivity Class	2	4	4	2	2
Peak Flow Buffer	0.9	0.95	0.8	1	1
Channel Stability Score	1	1.1	1.2	1.1	1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.9
Watershed Topography Score	0.92	0.92	0.92	0.95	0.92
Physical Sensitivity Score	1.5	3.46	3.17	1.9	1.7
Physical Sensitivity Class	Low	Moderate	Moderate	Low	Low
Main fish species in the watershed	No Date	RB	CH, RB, ST	RB	None
Biological Sensitivity Rating	Moderate	Moderate	High	Moderate	Low
Watershed Sensitivity Rating	Low	Moderate	High	Low	Very Low
Date of Analysis	Mar-08	Mar-08	Mar-08	Mar-08	Jul-07

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	TOBACCO CREEK	Spanish Creek	Deception Cree	SUCCOUR CREEK	CHRISTMAS CREEK
Watershed ID	50	51	52	53	54
Area (km2)	48.2596	186.82	329.363	88.801	25.2484
Gross Area (ha)	4826	18692	32936	8881	2525
Private Land (ha)	16.5	0	211.06	285.7	222.74
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	1730.57	2144.27	2834.11	4182.5	914.22
Recent or Planned Harvest (ha)	35.86	221.8	358.37	303.04	152.12
Area of Pine leading stands (ha)	1667.9	1702.2	1273.1	1182.6	187
Area of Pine leading stands (%)	34.6	9.1	3.9	13.3	7.4
Area of Pine mixed stands (ha)	455.4	1860.7	1533.9	1141	248.8
Area of Pine mixed stands (%)	9.4	10	4.7	12.9	9.9
Current hydrologically Equivalent Disturbed area (ha)	2145.3	2562.08	2530.87	2328.38	387.08
Current hydrologically Equivalent Disturbed area (%)	44.45	13.71	7.68	26.22	15.33
Heda Score	4	1	1	3	2
Current Watershed Hazard Rating	Moderate	None	None	Low	Very Low
Watershed Sensitivity Rating	Low	Low	Low	Low	Low
Watershed Risk Rating	Low	None	None	Very Low	Very Low
Rosgen Stream Type	B4	B4	B4	B4	B4
Rosgen Sensitivity Class	2	2	2	2	2
Peak Flow Buffer	1	0.95	1	0.95	0.95
Channel Stability Score	1	1	1.1	1	1
Watershed NDT Score	0.9	0.92	0.92	0.9	0.9
Watershed Topography Score	0.95	0.95	0.95	0.92	0.9
Physical Sensitivity Score	1.71	1.66	1.92	1.57	1.53
Physical Sensitivity Class	Low	Low	Low	Low	Low
Main fish species in the watershed	RB	RB	RB, LSU	LKC, NSC, RB	RB, NSC, RSC
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Low	Low	Low	Low	Low
Date of Analysis	Mar-08	Mar-08	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	Unnamed D	COFFEE LAKE	BRADLEY CREEK	EAGLE-MURPHY LAKE	HENDRIX CREEK
Watershed ID	55	56	57	58	59
Area (km2)	60.5089	113.813	198.703	395.691	159.747
Gross Area (ha)	6051	11381	19870	39569	15975
Private Land (ha)	0	0	1616.5	1212.6	158.1
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	2255.56	3395.65	4455.73	14847	4075.98
Recent or Planned Harvest (ha)	209.42	1433.3	2517.68	8083.75	638.2
Area of Pine leading stands (ha)	1158.6	2451.5	1939.7	6952.4	492.6
Area of Pine leading stands (%)	19.1	21.5	10.6	18.1	3.1
Area of Pine mixed stands (ha)	353.5	2214.9	5410.4	5614.3	1169.6
Area of Pine mixed stands (%)	5.8	19.5	29.6	14.6	7.3
Current hydrologically Equivalent Disturbed area (ha)	2345.32	4460.98	5189.63	16060.5	3524.31
Current hydrologically Equivalent Disturbed area (%)	38.76	39.2	28.43	41.87	22.06
Heda Score	4	4	3	4	2
Current Watershed Hazard Rating	Moderate	Moderate	Low	Moderate	Very Low
Watershed Sensitivity Rating	High	High	Very Low	Moderate	Low
Watershed Risk Rating	High	High	Very Low	Moderate	Very Low
Rosgen Stream Type	F4	F4	B4	F4	B4
Rosgen Sensitivity Class	5	5	2	5	2
Peak Flow Buffer	0.95	0.95	0.6	0.6	0.9
Channel Stability Score	1.1	1.1	1	1.1	1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.9
Watershed Topography Score	0.92	0.92	0.92	0.92	0.92
Physical Sensitivity Score	4.3	4.3	0.99	2.7	1.5
Physical Sensitivity Class	High	High	Very Low	Moderate	Low
Main fish species in the watershed	No fish info	RB	BB, LSU, MW,	BB, KO, LT, RB	RB, LSU, PCC
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	High	High	Very Low	Moderate	Low
Date of Analysis	Mar-08	Jul-07	Jul-07	Jul-07	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	McKinley Creek	CANIM LAKE	JIM CREEK	DONALD CREEK	DEKA CREEK
Watershed ID	60	61	62	63	64
Area (km2)	117.872	446.794	452.936	113.809	119.983
Gross Area (ha)	11787	44679	45294	11381	11998
Private Land (ha)	44.28	4613.58	1602.78	1298.3	1085.72
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	1591.84	11394.26	10125.19	2479.75	1616.35
Recent or Planned Harvest (ha)	215.78	3731.58	3467.6	593.47	512.37
Area of Pine leading stands (ha)	357.8	2695.5	9262.6	1695.6	3292
Area of Pine leading stands (%)	3	6	20.4	16.8	27.4
Area of Pine mixed stands (ha)	225.5	3415.9	8126.8	2115.2	1545.5
Area of Pine mixed stands (%)	1.9	7.9	17.9	21	12.9
Current hydrologically Equivalent Disturbed area (ha)	1505.7	6898.94	13179	2844.8	2635.38
Current hydrologically Equivalent Disturbed area (%)	12.77	15.44	29.1	28.21	21.97
Heda Score	1	2	3	3	2
Current Watershed Hazard Rating	None	Very Low	Low	Low	Very Low
Watershed Sensitivity Rating	Moderate	Low	Moderate	Very Low	Low
Watershed Risk Rating	None	Very Low	Low	Very Low	Very Low
Rosgen Stream Type	B4	C4	C4	B4	E3
Rosgen Sensitivity Class	2	4	4	2	3
Peak Flow Buffer	0.8	0.6	0.9	0.6	1
Channel Stability Score	1.1	1	1.1	1.1	1
Watershed NDT Score	0.92	0.9	0.9	0.9	0.9
Watershed Topography Score	0.95	0.92	0.92	0.9	0.92
Physical Sensitivity Score	1.53	1.98	3.28	1.2	2.48
Physical Sensitivity Class	Low	Low	Moderate	Very Low	Low
Main fish species in the watershed	CH, CO, KO, LT	KO, LT, BB	KO, LSU, RB, NRB		BB, KO, LT, RB
Biological Sensitivity Rating	High	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Moderate	Low	Moderate	Very Low	Low
Date of Analysis	Mar-08	Mar-08	Mar-08	Jul-07	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	BUFFALO CREEK	DEMPSEY CREEK	WATSON CREEK	111 MILE CREEK	MACHETE CREEK
Watershed ID	65	66	67	68	69
Area (km2)	236.075	128.554	127.253	133.853	229.686
Gross Area (ha)	23607	12855	12730	13390	22969
Private Land (ha)	4169.72	1033	9766.08	3353.48	1600.2
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	7891.38	5292.15	6792	6789	2536.9
Recent or Planned Harvest (ha)	33.4	2313.12	127	293	1196.92
Area of Pine leading stands (ha)	4990.8	1757	86	1186	6852.8
Area of Pine leading stands (%)	21.1	14.9	0.7	8.9	32.1
Area of Pine mixed stands (ha)	3146.1	2276.2	543	1407	4953
Area of Pine mixed stands (%)	13.3	19.3	4.3	10.5	23.2
Current hydrologically Equivalent Disturbed area (ha)	5878.83	4706.22	313	1983	6436.03
Current hydrologically Equivalent Disturbed area (%)	24.9	39.81	2.46	14.81	30.11
Heda Score	2	4	1	1	3
Current Watershed Hazard Rating	Very Low	Moderate	None	None	Low
Watershed Sensitivity Rating	Moderate	High	Low	Moderate	Very Low
Watershed Risk Rating	Low	High	None	None	Very Low
Rosgen Stream Type	C4	G4c	E4	C4	B4
Rosgen Sensitivity Class	4	5	3	4	2
Peak Flow Buffer	0.9	0.9	0.7	0.85	0.6
Channel Stability Score	1.1	1.1	1	1.1	1
Watershed NDT Score	0.9	0.85	0.9	0.85	0.9
Watershed Topography Score	0.9	0.85	0.9	0.85	0.9
Physical Sensitivity Score	3.2	3.58	1.7	2.7	0.97
Physical Sensitivity Class	Moderate	High	Low	Moderate	Very Low
Main fish species in the watershed	LSU, BB, RB	NSC, RB	RB	KO, RB, MW, P	KO, RB, MW, P
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Moderate	High	Low	Moderate	Very Low
Date of Analysis	Mar-08	Jul-07	Mar-08	Mar-08	Jul-07

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	BONAPARTE LAKE	RAYFIELD RIVER	GRAHAM CREEK	FIFTYSEVEN CREE	CHASM CREEK
Watershed ID	70	71	72	73	74
Area (km2)	214.567	194.805	189.057	133.091	277.031
Gross Area (ha)	21457	19480	18905	13310	27700
Private Land (ha)	381.4	1473.35	2416.91	1289.87	3291.34
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	3726.76	6682.54	4264.43	2411	7082
Recent or Planned Harvest (ha)	1681.79	1279.68	1020.47	383	1450
Area of Pine leading stands (ha)	7301	5442.5	7242.3	4795	8556
Area of Pine leading stands (%)	34.6	27.9	38.3	36	30.9
Area of Pine mixed stands (ha)	2698.5	3296.6	2894.4	1637	2869
Area of Pine mixed stands (%)	12.8	16.9	15.3	12.3	10.4
Current hydrologically Equivalent Disturbed area (ha)	6877.05	5487.55	6152.59	3789	9452
Current hydrologically Equivalent Disturbed area (%)	32.63	28.17	32.54	28.47	34.1
Heda Score	3	3	3	3	3
Current Watershed Hazard Rating	Low	Low	Low	Low	Low
Watershed Sensitivity Rating	Very Low	High	High	Low	Low
Watershed Risk Rating	Very Low	Moderate	Moderate	Very Low	Very Low
Rosgen Stream Type	B2	E4	E5	B4	B4
Rosgen Sensitivity Class	1	3	3	2	2
Peak Flow Buffer	0.8	0.95	0.9	0.95	0.95
Channel Stability Score	1.1	1.1	1.1	1.1	1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.9
Watershed Topography Score	0.92	0.95	0.92	0.92	0.92
Physical Sensitivity Score	0.73	2.7	2.9	1.73	1.6
Physical Sensitivity Class	Very Low	Moderate	Moderate	Low	Low
Main fish species in the watershed	KO, RB	LKC, LNC, RB,	LKC, LNC, RB,	RB, EB	RB
Biological Sensitivity Rating	Moderate	High	High	Moderate	Moderate
Watershed Sensitivity Rating	Very Low	High	High	Low	Low
Date of Analysis	Jul-07	Mar-08	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	Allen CREEK	CUTOFF VALLEY CREEK	CLINTON CREEK	HIHIUM CREEK	HAMILTON CREEK
Watershed ID	75	76	77	78	79
Area (km2)	65.2126	124.527	139.954	86.4961	121.835
Gross Area (ha)	6521	12452	13995	8650	12183
Private Land (ha)	522.3	1564.87	5778.11	192.07	404.07
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	1457.91	1768.33	3115	2469.04	2309.67
Recent or Planned Harvest (ha)	894.78	95.4	375.8	28.5	727.71
Area of Pine leading stands (ha)	1033.1	1779.5	4530	4486.8	4564.7
Area of Pine leading stands (%)	17.2	14.3	32.4	51.9	37.5
Area of Pine mixed stands (ha)	557.7	2330	1325.1	827.2	1772.8
Area of Pine mixed stands (%)	9.3	18.7	9.5	9.6	14.6
Current hydrologically Equivalent Disturbed area (ha)	1698.3	1497.84	3865.98	4488.94	3865.43
Current hydrologically Equivalent Disturbed area (%)	28.31	12.03	27.62	51.9	31.73
Heda Score	3	1	3	5	3
Current Watershed Hazard Rating	Low	None	Low	High	Low
Watershed Sensitivity Rating	Low	High	Low	Low	Very Low
Watershed Risk Rating	Very Low	None	Very Low	Moderate	Very Low
Rosgen Stream Type	B4	C4	B4	B4	B4
Rosgen Sensitivity Class	2	4	2	2	2
Peak Flow Buffer	1	1	1	0.95	0.6
Channel Stability Score	1.2	1.2	1	1	1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.9
Watershed Topography Score	0.95	0.92	0.92	0.92	0.92
Physical Sensitivity Score	2	3.97	1.66	1.57	1
Physical Sensitivity Class	Low	High	Low	Low	Very Low
Main fish species in the watershed	RB	RB	RB	RB	RB
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Low	High	Low	Low	Very Low
Date of Analysis	Jul-07	Mar-08	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	ROSS CREEK	WATCH CREEK	EIGHTYTHREE CREEK	GORGE CREEK	DOG CREEK
Watershed ID	80	81	82	83	84
Area (km2)	98.5605	83.6718	386.127	67.6698	433.51
Gross Area (ha)	9856	8367	38610	6767	43350
Private Land (ha)	239.68	1990.86	2078.35	48.53	990.37
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	2993.9	2101.78	12799	2855.69	15140
Recent or Planned Harvest (ha)	1527.83	25.12	4423	1336.16	4056
Area of Pine leading stands (ha)	3778.9	2304	11702	2164.9	13810
Area of Pine leading stands (%)	38.3	27.5	30.3	32	31.9
Area of Pine mixed stands (ha)	1542.1	2071.3	5055	700.8	3264
Area of Pine mixed stands (%)	15.6	24.8	13.1	10.4	7.5
Current hydrologically Equivalent Disturbed area (ha)	4691.68	1942.65	13308	3203.43	16177
Current hydrologically Equivalent Disturbed area (%)	47.6	23.22	34.47	47.34	37.32
Heda Score	5	2	3	5	4
Current Watershed Hazard Rating	High	Very Low	Low	High	Moderate
Watershed Sensitivity Rating	Low	Low	Moderate	Low	Low
Watershed Risk Rating	Moderate	Very Low	Low	Moderate	Low
Rosgen Stream Type	B4	E4	C4	B4	E4
Rosgen Sensitivity Class	2	4	3	2	3
Peak Flow Buffer	0.95	0.7	0.8	1	0.95
Channel Stability Score	1	1	1.1	1.1	1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.9
Watershed Topography Score	0.92	0.9	0.92	0.92	0.95
Physical Sensitivity Score	1.57	1.7	2.9	1.82	2.41
Physical Sensitivity Class	Low	Low	Moderate	Low	Low
Main fish species in the watershed	RB	KO, LSU, RB	LKC, LSU, RB	RB	LKC, RB
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Low	Low	Moderate	Low	Low
Date of Analysis	Mar-08	Mar-08	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	CANOE CREEK	KNOX CREEK	PORCUPINE CREEK	KOSTERING CREEK	PENDLETON LAKES
Watershed ID	85	86	87	88	89
Area (km2)	233.765	263.65	102.544	97.4257	43.5205
Gross Area (ha)	23380	26360	10254	9743	4352
Private Land (ha)	2632	2589.39	1064.07	323.06	0
Forest District	100 Mile House	100 Mile House	100 Mile House	100 Mile House	100 Mile House
Watershed Type	Small	Small	Small	Small	Small
Total Area Harvested (ha)	4809.77	6556	402.06	2496	271.25
Recent or Planned Harvest (ha)	423	377	0	0	0
Area of Pine leading stands (ha)	3593	6461	1497.4	2733	441.5
Area of Pine leading stands (%)	15.4	24.5	14.6	28.1	10.1
Area of Pine mixed stands (ha)	1006	3429	2954.4	1830	587
Area of Pine mixed stands (%)	4.3	13	28.8	18.8	13.5
Current hydrologically Equivalent Disturbed area (ha)	3368	6781	1669.25	2869	375.29
Current hydrologically Equivalent Disturbed area (%)	14.14	25.7	16.28	29.45	8.62
Heda Score	1	3	2	3	1
Current Watershed Hazard Rating	None	Low	Very Low	Low	None
Watershed Sensitivity Rating	Low	Low	High	Low	Low
Watershed Risk Rating	None	Very Low	Low	Very Low	None
Rosgen Stream Type	B4	B4	C4	B4	B4
Rosgen Sensitivity Class	2	2	4	2	2
Peak Flow Buffer	1	0.95	1	1	0.9
Channel Stability Score	1	1.1	1.1	1	1
Watershed NDT Score	0.9	0.9	0.9	0.9	0.92
Watershed Topography Score	0.95	0.95	0.95	0.95	0.95
Physical Sensitivity Score	1.71	1.8	3.8	1.8	1.57
Physical Sensitivity Class	Low	Low	High	Low	Low
Main fish species in the watershed	No Data	RB	RB	RB	RB
Biological Sensitivity Rating	Moderate	Moderate	Moderate	Moderate	Moderate
Watershed Sensitivity Rating	Low	Low	High	Low	Low
Date of Analysis	Mar-08	Mar-08	Mar-08	Mar-08	Mar-08

Risk Assessment for 71 Watersheds - 100 Mile House Forest District

Watershed Name	PHINETTA CREEK
Watershed ID	90
Area (km2)	99.2154
Gross Area (ha)	9922
Private Land (ha)	1314.9
Forest District	100 Mile House
Watershed Type	Small
Total Area Harvested (ha)	856.03
Recent or Planned Harvest (ha)	507.79
Area of Pine leading stands (ha)	1892.6
Area of Pine leading stands (%)	22
Area of Pine mixed stands (ha)	1592.7
Area of Pine mixed stands (%)	18.5
Current hydrologically Equivalent Disturbed area (ha)	1976.47
Current hydrologically Equivalent Disturbed area (%)	22.96
Heda Score	2
Current Watershed Hazard Rating	Very Low
Watershed Sensitivity Rating	Low
Watershed Risk Rating	Very Low
Rosgen Stream Type	C4
Rosgen Sensitivity Class	4
Peak Flow Buffer	0.6
Channel Stability Score	1
Watershed NDT Score	0.9
Watershed Topography Score	0.92
Physical Sensitivity Score	1.98
Physical Sensitivity Class	Low
Main fish species in the watershed	RB
Biological Sensitivity Rating	Moderate
Watershed Sensitivity Rating	Low
Date of Analysis	Jul-07