

APPENDIX-2-WATERSHED EDA's

Year	Watershed Name	BRADLEY CREEK	BUFFALO CREEK	Boss Creek	Bridge Creek	CANIM LAKE	CHRISTMAS CREEK	COFFEE LAKE	DEKA CREEK	Deception Cree	EAGLE-MURPHY LAKE	Eagle Creek	HENDRIX CREEK	JIM CREEK	McKinley Creek	PENDLETO N LAKES	SUCCOUR CREEK	Spanish Creek	Unnamed A	Unnamed B	Unnamed D	
	Watershed Type	Small	Small	Residual	Residual	Small	Small	Small	Small	Small	Small	Residual	Small	Small	Small	Small	Small	Small	Residual	Residual	Small	
2018	EDA area (ha)	6,458	7,095	4,468	21,268	15,031	432	4,876	3,840	6,747	19,580	2,957	4,104	13,949	2,097	711	2,325	2,806	898	518	2,023	
	EDA pct (%)	32	30	32	25	34	17	43	32	20	49	20	26	31	18	16	26	15	41	52	33	
	Sensitivity	Very Low	Moderate	Moderate	Moderate	Low	Low	High	Low	Low	Moderate	Low	Low	Moderate	Moderate	Low	Low	Low	Low	Low	Low	High
	Hazard	Low	Low	Low	Low	Low	Very Low	Moderate	Low	Very Low	High	Very Low	Low	Low	Very Low	Very Low	Low	None	Moderate	High	Low	
Risk	Very Low	Low	Low	Low	Very Low	Very Low	High	Very Low	Very Low	High	Very Low	Very Low	Very Low	Low	Low	Very Low	Very Low	None	Low	Moderate	Moderate	
2023	EDA area (ha)	4,269	5,746	3,005	17,490	11,581	274	3,697	3,474	4,864	13,699	2,321	2,703	9,633	1,410	703	1,335	1,728	519	327	1,331	
	EDA pct (%)	21	24	22	21	26	11	32	29	15	34	16	17	21	12	16	15	9	24	33	22	
	Sensitivity	Very Low	Moderate	Moderate	Moderate	Low	Low	High	Low	Low	Moderate	Low	Low	Moderate	Moderate	Low	Low	Low	Low	Low	Low	High
	Hazard	Very Low	Very Low	Very Low	Very Low	Low	None	Low	Low	None	Low	Very Low	Very Low	Very Low	None	Very Low	None	None	None	Very Low	Low	Very Low
Risk	Very Low	Low	Low	Low	Very Low	None	Moderate	Very Low	None	Low	Very Low	Very Low	Low	None	Very Low	None	None	None	Very Low	Very Low	Low	
2028	EDA area (ha)	3,355	4,833	2,369	15,619	10,192	202	3,012	3,124	4,385	10,690	2,058	2,070	7,663	1,200	701	980	1,414	412	259	1,013	
	EDA pct (%)	17	20	17	19	23	8	26	26	13	27	14	13	17	10	16	11	8	19	26	17	
	Sensitivity	Very Low	Moderate	Moderate	Moderate	Low	Low	High	Low	Low	Moderate	Low	Low	Moderate	Moderate	Low	Low	Low	Low	Low	Low	High
	Hazard	Very Low	Very Low	Very Low	Very Low	Very Low	None	Low	Low	None	Low	None	None	Very Low	None	Very Low	None	None	None	Very Low	Low	Very Low
Risk	Very Low	Low	Low	Low	Very Low	None	Moderate	Very Low	None	Low	None	None	Low	None	Very Low	None	None	None	Very Low	Very Low	Low	
2033	EDA area (ha)	2,183	3,215	1,582	11,032	6,995	136	2,007	2,234	3,206	6,798	1,464	1,352	5,226	822	525	510	1,022	290	171	639	
	EDA pct (%)	11	14	11	13	16	5	18	19	10	17	10	8	11	7	12	6	5	13	17	11	
	Sensitivity	Very Low	Moderate	Moderate	Moderate	Low	Low	High	Low	Low	Moderate	Low	Low	Moderate	Moderate	Low	Low	Low	Low	Low	Low	High
	Hazard	None	None	None	None	Very Low	None	Very Low	Very Low	None	Very Low	None	None	None	None	None	None	None	None	None	Very Low	None
Risk	None	None	None	None	Very Low	None	Low	Very Low	None	Low	None	None	None	None	None	None	None	None	None	Very Low	None	

Key
None
Very Low
Low
Moderate
High
Very High
Extreme

Table 1. Risk assessment matrix for watershed planning for 100 Mile House Forest District

Watershed Peak Flow Risk Ratings	Hydrologically Equivalent Disturbed Areas in the Watershed (% of Watershed)						
	<15% (None)	15 to 25% (Very Low)	25 to 35% (Low)	35 to 45% (Moderate)	45 to 55% (High)	55 to 65% (Very High)	>65% (Extreme)
None	None	None	None	None	None	None	None
Very Low	None	Very Low	Very Low	Very Low	Low	Moderate	High
Low	None	Very Low	Very Low	Low	Moderate	High	Very High
Moderate	None	Low	Low	Moderate	High	Very High	Very High
High	None	Low	Moderate	High	Very High	Very High	Extreme
Very High	None	Moderate	High	Very High	Very High	Extreme	Extreme
Extreme	None	Moderate	High	Extreme	Extreme	Extreme	Extreme

**Low Risk:**  
*The combination of the extent of disturbances and the sensitivity of this particular watershed is very unlikely to generate any kind of fish habitat degradation caused by the increases in peak flows.*

**Moderate Risk:**  
*The combination of the extent of disturbances (i.e. the hazard) and the sensitivity of this particular watershed is likely to generate localized, but not extensive, fish habitat degradation caused by the increases in peak flows.*

**High Risk:**  
*The combination of the extent of disturbances (i.e. the hazard) and the sensitivity of this particular watershed is likely to generate extensive fish habitat degradation caused by the increases in peak flows.*

**Very High Risk:**  
*The combination of the extent of disturbances (i.e. the hazard) and the sensitivity of this particular watershed is very likely to generate extensive fish habitat degradation caused by the increases in peak flows.*