KALESNIKOFF
TIMBER INSPIRES

Kalesnikoff Lumber Co. Ltd. – Environmental Management System

FIRE HAZARD AND RISK ASSESSMENT FORM

Forest License A0915	**Cutting Permit: N/A**		**Block: 2**	
Fuel Loading Factors	**Site Characteristics and Point Rating**			
Fuel Depth	<20 cm 1	20 to 40 cm 3	40 to 60 cm 5	>60 cm 7
Fuel Size (% of all fuels that are <7.1 cm)	<15% 1	15 to 30% 3	31 to 45% 5	>45% 7
Horizontal Fuel Arrangement (% of area)	Fuel Coverage <20% 1	Fuel Coverage 20 to 50% 3	Fuel Coverage 51 to 80% 5	Fuel Coverage >80% 7
Vertical Fuel Arrangement (fine fuel <7.1 cm)	Mixed with Soil 1	On ground 3	Partially elevated 5	Mostly elevated 7
Vegetation (contributes to fuel load)	None 0	Low 1	Moderate 2	High 3
Cedar Slash Component	<20% 1	20 to 40% 2	41 to 60% 3	>60% 4
Terrain Factors				
Slope	>10% 1	11 to 30% 3	31 to 50% 5	>50% 7
Aspect	N, NE, NW 1	E, W 2	SE, level/variable 5	S, SW 7
Special Factors (water within block, elevation, BGC zone, etc.)	This factor rates from -3 to +4 to cover the following situation: 15m2/ha of FD retention has created significant shade reducing the impact of a southerly aspect.			Points (+/-) -3
Low = <20 (No action required unless risk is Very High) Moderate = 21-26 (No action required unless risk is High or Very High) High = 26+ (Hazard abatement required)			**Hazard Assessment Total**	23

FIRE RISK ASSESSMENT

Adjacent Values	**Risk and Point Rating**				
	Very Low	**Low**	**Moderate**	**High**	**Very High**
Dwellings/Communities	>10km 0	5km to 10km 1	2km to 5km 2	1km to 2km 4	<1km 8
Private Property (not occupied)	>5km 0	3km to 5km 1	1km to 3km 2	500m to 1km 4	<500m 6
Utilities (powerlines, telephone, etc.)	>5km 0	3km to 5km 1	1km to 3km 2	500m to 1km 4	<500m 6
Plantations (within 1km)	<1 year 0	1-5 years 1	5-15 years 2	15-40 years 3	>40 years 5
Public Use	None 0	Low 1	Moderate 2	High 3	Very High 4
Special Factors (high % of dead timber adjacent to block, fuel breaks, etc.)	This factor rates from -3 to +4 to cover the following situation:				Points (+/-)
Low = <6 Moderate = 6-10 High = 10-18 Very High = 18+			**Risk Assessment Total**		29

Comments:	Hazard is moderate with a high risk due to the proximity to Beasley residential area. In addition, the area has hiking/biking which are frequently used by public. I would recommend BCTS undertaking a rough bunch treatment to reduce the slash load on this block due to the high risk.

Assessed by: Tyler Hodgkinson		Pre-harvest Date:
Print Name	Signature	Post-harvest Date: July 20, 21