Wildfire Threat Assessment Worksheet - Fuel Assessment (Site Level) **Plot #** PASCO-1

Location	Pasco Road (S)	Date 2/21/25	Assessor/ Professional Designation J. Sunderwald
Coordinates (Lat/Long – Degrees/Decimal minutes): 49°23.345', -123°15.458'			FIT
Crown Species Composition (species %)	Fd100(MbCw)		
Ladder Fuel Species Composition (species %)	Cw/Dead100		

	Component/ Sub Component	Levels/ Classes				
	Forest Floor and Organic Layer					
1	Depth of Organic layer (cm)	1–<2 ○ 1	2–<5 ● 3	5–<10 ○ 5	10–20 ○ 3	>20 ○ 2
	Surface and Ladder Fuel (0.1 – 3.0 meters in height)					
2	Surface fuel composition	Moss, Herbs and Deciduous Shrubs ○ 4	Lichen, Conifer Shrubs ○ 6	Dead fines (Leaves, Needles or fine branch material) fuel (<1 cm) ● 8	Pinegrass ○ 10	Sagebrush, Bunchgrass, Juniper Scotch broom ○ 15
3	Dead and Down material Continuity (<7cm)	Absent ○ 0	Scattered <10 coverage ○ 4	10 -25% coverage ○ 8	26-50% coverage ● 12	>50% Coverage ○ 15
4	Ladder fuel composition	Deciduous ○ 0	Mixwood ○ 5	Other conifer ● 8	Elevated dead fuel ○ 10	Spruce/ Fir/ Pine ○ 15
5	Ladder fuel horizontal continuity	Absent ○ 0	Sparse <10% coverage ○ 2	Scattered 10 – 39% coverage ● 8	Patchy 40-60% coverage ○ 10	Uniform >60% coverage ○ 15
6	Stem/ha (understory)[3]	<500 ● 2	501-800 ○ 4	801-1200 ○ 6	1201-1500 ○ 8	>1500 ○ 10
	Stand Structure and Composition (Dominant and Co- Dominate stems)					
7	Overstory Composition/ CBH (Crown Base Height)	Deciduous (< 25% conifer) ○ 0	Mixwood (% Conifer) 25% 50% 75% ○ 0 ○ 2 ○ 3	Conifer with high CBH (>10m) ● 3	Conifer with moderate CBH (5-9M) ○ 4	Conifer with low CBH (<4m) ○ 5
8	Crown Closure	< 20% ○ 0	20 -40% (Or Deciduous) ○ 1	41-60% ○ 2	61-80% ● 5	>80% ○ 4
9	Fuel Strata Gap[4] (m)		> 10 ○ 0	6-9 ○ 1	3-6 ● 3	<3 ○ 5
10	Stems/ha live/ grn dom & codom (overstory)	<400 ○ 0	401-600 ● 2	601-900 ○ 3	901-1 200 ○ 4	>1 200 ○ 5
11	Dead and Dying (% of dominant and co-dominant stems)		Standing Dead/ Partial down <20% ● 2	Standing Dead/ Partial down 21-50% ○ 5	Standing Dead/ Partial down 51- 75% ○ 8	Standing Dead/ Partial down >75% ○ 10

Ecoprovince	Threat Assessment	WTA Total
Coast and Mountains, Georgia Depression (0/42/58/70)	Moderate	56

Comments:

Municipal parcel south of homes on Pasco Road. Continuously forested from train tracks to the ocean, C5 dominant, slightly older than stem exclusion but still high crown closure.

Good amount of fine woody debris, leaves, and Western red cedar (Cw) foliage cover, mixed with dull oregon grape and sword fern. Scattered ladder fuels from regenerating Cw and the odd Cw with low branches. Multiple smaller diameter Cw are dead standing.

Considerable slope. Poor access into community. Good treatment opportunity but removal would be difficult - Surface fuel removal (SFR), Thin from below (TFB), Prune.

**QA'd by Q. Schmidt, RPF

Q. Schmidt

[3] Understory is considered ladder and suppressed stems in this category (distinct break between these stems and overstory)

[4] Fuel Strata Gap – Distance from top of ladder fuel to live crown base height of overstory

PROJECT: District of West Vancouver CWRP

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British Columbia Wildfire Service - Photo Guide

SITE INFORMATION Date Sampled: 2/21/25

Plot # PASCO-1

General Location: Pasco Road (S)

Coordinates: 49°23.345', -123°15.458'

FBP Fuel Type: C-5

Slope (%): 60

Aspect (deg.): 260

Elevation (m): 20

Canopy Closure (%): 70

Average Forest Floor Depth (cm): 4

SURFACE FUELS:

Photo comment:

Dead fines dominant (Mb and conifer foliage), mixed with herb and shrub.

Other (specif

LADDER FUELS

Other (specify)

Photo Comment:

Mix of regenerating stems, small diameter dead standing stems, and elevated deadfall.

CROWN FUELS:

Other (specif

Photo Comment:

High crown closure overall, multiple diameter classes. Photo removed to reduce file size.