

FCCRP COMMUNITY WILDFIRE HAZARD ASSESSMENT FORM



This Community Wildfire Hazard Assessment form provides a written evaluation of the overall community wildfire hazard – the prevailing condition of structures, adjacent vegetation and other factors affecting the FireSmart status of a small community or neighbourhood. This hazard is based on the **hazard factors** and **FireSmart recommended guidelines** found in **FireSmart: Protecting Your Community from Wildfire** (Partners in Protection, 2003) and will assist the Local FireSmart Representative in preparing the FireSmart Community Assessment Report. **NOTE: Mitigation comments refer to the degree to which the overall community complies or fails to comply with FireSmart recommended guidelines with respect to each hazard factor**

| | | |
|--|-------------------|--|
| Community Name: | | Date: (mm/dd/yyyy) |
| Assessor Name: | | Accompanying Community Member(s): |
| Hazard Factor | Ref | Mitigation Comments |
| 1. Roof Assemblies | | |
| a. Type of roofs ULC rated (metal, tile, asphalt, rated wood shakes) unrated (unrated wood shakes) | 2-5 3-21 | |
| b. Roof cleanliness and condition <i>* Debris accumulation on roofs/in gutters; curled damaged or missing roofing material; or any gaps that will allow ember entry or fire impingement beneath the roof covering</i> | 2-6 | |
| 2. Building Exteriors | | |
| 2.1 Materials | | |
| a. Siding, deck and eaves | 2-7 2-8 2-9 | |
| b. Window and door glazings (single pane, sealed double pane) | 2-10 | |
| c. Ember Accumulator Features (scarce to abundant) <i>* Structural features such as open eaves, gutters, unscreened soffits and vents, roof valleys and unsheathed crawlspaces and under-deck areas</i> | | |
| d. Nearby Combustibles – firewood, fences, outbuildings | 2-11 | |

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|---|------|---------------------|
| 3. Vegetation | | |
| 3.1 PZ-1: Vegetation - 0 - 10m from structure Page Reference 3-5 | | |
| a. Overstory forest vegetation (treated vs. untreated) | 2-14 | |
| b. Ladder fuels (treated vs untreated) | 2-17 | |
| c. Surface fuels - includes landscaping mulches and flammable plants (treated vs untreated) | 2-16 | |
| 3.2 PZ-2: Vegetation - 10 - 30m from structures Page Reference 3-9 | | |
| a. Forest vegetation (overstory) treated vs untreated | 2-14 | |
| b. Ladder fuels treated vs untreated | 2-17 | |
| c. Surface fuels treated vs untreated | 2-16 | |
| 3.3 PZ-3: Vegetation - 30 - 100m from structures Page Reference 3-13 Provide mitigation comments on the prevailing PZ3 fuel type | | |
| a. Light fuel - deciduous – grass, shrubs | 2-16 | |

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| b. Moderate fuel - mixed wood – light to moderate surface and ladder fuels, shrubs | 2-17 | |
| c. Heavy fuel - coniferous - moderate to heavy surface and ladder fuels, shrubs | 2-14 | |
| d. Logging slash, dead/down fuel accumulations | 2-16 | |
| e. Diseased forest – without foliage vs with foliage | | |
| f. Fuel islands <u>within</u> community - treated vs untreated | | |
| 4. Topography | | |
| 4.1 Slope (within 100m of structures) | | |
| a. Slope - Flat or < 10 %, 10 – 30% or >30% | 2-19 | |
| 4.2 Buildings setback on slopes >30 %, position on slope Provide mitigation comments on items a – c as applicable | | |
| a. Setback from top of slope > 10m, or bottom of slope – valley bottom. b. Buildings located mid-slope c. Setback from top of slope <10m, or upper slope | 2-12 | |

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| 5. Infrastructure – Access / Egress, Roads, Driveways and Signage | | |
| 5.1 Access Routes – Road Layout To FireSmart Recommended Guideline? | | |
| a. Single Road or Looped Road | 3-28 | |
| 5.2 Roads- width, grade, curves, bridges and turnarounds | | |
| a. To FireSmart Recommended Guideline? | 3-30 | |
| 5.4 Fire Service Access / Driveways - Grade, Width/Length, Turnarounds | | |
| a. To FireSmart Recommended Guideline? | 3-30 | |
| 5.5 Street Signs / House Numbers | | |
| a. To FireSmart Recommended Guideline? | 3-30 | |
| 6. Fire Suppression - Water Supply, Fire Service, Homeowner Capability | | |
| 6.1 Water Supply | | |
| a. Fire Service water supply – hydrants, static source, tender or no water supply | 3-32 | |
| 6.2 Fire Service | | |
| a. Fire Service < 10 minutes or > 10 minutes, no fire service | 2-25 | |
| 6.3 Homeowners Suppression Equipment | | |
| a. Shovel, grubbing tool, water supply, sprinklers, roof-top access ladder | 3-28 | |

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| 7. Fire Ignition and Prevention – Utilities, Chimneys, Burn Barrel / Fire Pit, Ignition Potential | | |
| 7.1 Utilities | | |
| a. To FireSmart Recommended Guideline? | 2-24 | |
| 7.2 Chimneys, Burn Barrel / Fire Pit | | |
| a. To FireSmart Recommended Guideline? | 2-22 | |
| 7.3 Ignition Potential Provide mitigation comments on items a – d as applicable | | |
| a. Topographic features adversely affect fire behaviour b. Elevated probability of human or natural ignitions c. Periodic exposure to extreme fire weather or winds d. Other | 2-21 | |
| General Comments | | |