# Xwémalhkwu Homalco First Nation A Recognized FireSmart Community

# **FireSmart Community Plan**



July 2023

Land Forest People Consulting Ltd.





#### HOMALCO FIRESMART BOARD

The Homalco FireSmart Board is pleased to accept this plan. Congratulations to the community on achieving recognized FireSmart Community Status!

Darren Blaney Chief of Homalco First Nation

Alison Trenholm Homalco Councilor

Sue Hanley Homalco Administrator and Emergency Program Coordinator

Ella Paul Homalco FireSmart Champion

James Hackett Homalco FireSmart Champion

Thomas Doherty Fire Chief, City of Campbell River

an M Hanly.



Canada	c.	<b>⊘Intelli-feu</b> ™ <sub>Canada</sub>
FireSmart Canada 189, 350 55 Salisbury Way Sherwood Park, AB T8B 0A9	CIFFC 1749 Ellice Avenue Winnipeg, MB R3H 1A6	Telephone: (780) 718-5355 Email: general@firesmartcanada.ca
		May 27, 2021
Homalco First Nation Fire c/o: Alison Trenholm 1218 Bute Crescent Campbell River, BC V9H 1	Smart <sup>™</sup> Committee IG5	
Dear Homalco First Natior	n Community Members,	
We are writing to inform y Community Recognition P Nelson, your Provincial Fi pleased to inform you that recognized 2020 FireSma	ou that we have reviewed yo rogram application that was reSmart Liaison with a recor your Homalco First Nation o rt Community.	our community's FireSmart Canada forwarded to us by Quentin nmendation for approval. We are community is now approved as a
By working together, the r be achieved through the s	esidents of Homalco First Na trength of community. Well o	ation have demonstrated what can done!
It is our hope that this reco community to continue to resilience. Your Local Fire your official FireSmart Co presented with a 2020 Fire neighbourhood as a symb	ognition offers inspiration an participate in FireSmart activ Smart Representative will w mmunity Recognition Day, a eSmart Community sign to p ol of community achievement	d encouragement for your vities that will increase wildfire ork with you to organize a date for t which time your community will be vroudly display in your nt.
Regards,		
DSuddalay		
Deanne Suddaby Business Administrator FireSmart Canada P: 780-718-5355		





Homalco First Nation and Land Forest People wish to acknowledge the contributions made to this work by:

- Strathcona Regional District
- Campbell River Fire Rescue
- Strathcona Forestry Consulting
- Strategic Natural Resource Group















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Source: Google Maps

Figure 1 – Xwémalhkwu Traditional Territory





# 1.0 XWÉMALHKWU

Traditionally known as the "people of fast running waters," the Xwémalhkwu (Homalco) are named after the turbulent waters surrounding our ancestral home in Bute Inlet. Homalco people lived up and down the inlet, holding residence seasonally in various locations as they drew from the gifts of the land and water.

Displaced from the homelands, Homalco First Nation established a village (IR No .9) just south of Campbell River where the community now resides. The geographical scope of this plan is the Homalco Community as per Figure 2.

The Homalco Community occupies an area of 66.8 hectares of generally level ground. The Community includes 68 residences as well as the Nation administration offices, health centre, and day care. All of the structures on reserve were built in 1991 or later. The 2006 census gives the population as 220 people, with almost half being children ages 14 and under.

The Homalco Community is surrounded by the City of Campbell River and the Strathcona Regional District.



#### Latitude/Longitude coordinates: 49° 57'05"/ 125°14'37"

#### Figure 2 – Homalco Community

From Figure 2 one can see that the reserve is an interface community with housing concentrated in the northwest corner and the remainder of the land forested.







Source: Google Maps

Figure 3 – Locator Map





## 2.0 BACKGROUND

Climate change is real and now. There is no longer a normal pattern of weather, but we do know that weather events will be more extreme and more frequent. Fire is a natural component of the forests surrounding Homalco, and in the future its presence and impacts will only be more strongly felt by the community. Excluding fire is not an option, but how can we live with fire without disastrous loss of life, property, and resources?

### 2.1 FIRESMART

FireSmart means living with and managing for wildfire. Preparing for the threat of wildfire is a shared responsibility. Community members, community leaders, and all levels of government have a responsibility to lessen the effects of wildfire.

The Homalco FireSmart program is supported by the programs and resources of FireSmart Canada <a href="https://firesmartcanada.ca/">https://firesmartcanada.ca/</a> and FireSmart BC <a href="https://firesmartbc.ca/">https://firesmartbc.ca/</a>.

### 2.2 ALL-HAZARDS EMERGENCY PLANNING

The Chief and Council of Homalco First Nation carry ultimate responsibility for the safety of our members and for emergency preparation, mitigation, response, and recovery efforts within our community. Chief and Council directed Homalco staff to establish an emergency preparedness program and through that program staff has prepared the *Homalco All-hazards Emergency Management Plan*.

The purpose of the *Homalco All-hazards Emergency Management Plan* is to provide a framework for response and recovery activities to be undertaken during and after an emergency, and to protect the health and safety of our community members and our critical infrastructure.

Specifically to:

- Save the lives of our members and emergency response personnel;
- Protect and preserve life, safety, health, and the environment and to minimize damage to property in the face of natural and environmental disasters;
- Provide a process for staff and residents to properly prepare for and respond to emergency events;
- Provide for the orderly emergency evacuation of our community should it be required;
- Provide interim shelter for displaced residents; and
- Provide for orderly return to community when safe to do so.

In preparation of the plan, wildfire was identified through hazard, risk, and vulnerability assessment as the highest-risk hazard facing Homalco First Nation.

This FireSmart Community Plan is a component of the all-hazards plan and the Homalco Emergency Management Program.





## 3.0 COMMUNICATIONS

FireSmart means living with and managing for wildfire. FireSmart uses preventative measures to reduce wildfire threat to communities. Preparing for the threat of wildfire is a shared responsibility. Community members, community leaders, industry, and government all have responsibility to lessen the effects of wildfire.

The goal of the Homalco FireSmart program is to protect homes and lives. This can only be achieved through the involvement of a well-informed community. Community members can take the lead in preparing their homes to be as resistant to wildfire as possible.

Homalco FireSmart communication efforts promote and support our program in the following ways:

- Raise awareness and develop enthusiasm;
- Attract community champions;
- Interest members in participating in the local FireSmart board;
- Inform members of program activities;
- Involve home owners in FireSmart home and property assessments; and
- Advertise FireSmart events

Tools that we use:

- Facebook: Homalco Indian Band;
- Web presence on the Homalco First Nation website (<u>https://www.homalco.com/emergency-management/firesmart/</u>);
- Newsletters (see Appendix VI);
- Homalco Recognized FireSmart Community Video February 28, 2023 (see <u>https://www.homalco.com/emergency-</u> management/firesmart/)
- Home emergency information package (see section 3.2);
- Community meetings; and/or
- Existing tools:
  - Video FireSmart your home: https://youtu.be/1VZWwC0PhUk
  - Posters, pamphlets, etc.







### 3.1 2022 OPEN HOUSE

In conjunction with the Homalco community open house, the Homalco FireSmart program was showcased to community members on June 10<sup>th</sup>, 2022.

Available for review by members were:

- On-line display of FireSmart page on the Homalco website for attendees to navigate and become familiar with the various materials available to them there;
- A hard copy of the consolidated FireSmart Community Plan for browsing;
- Take home handouts:
  - Tips to FireSmart your home poster;
  - March 2022 Homalco FireSmart newsletter;
  - Household emergency planning tool;

We were also offering to sign members up to the Strathcona Regional District emergency alerts system, and canvassing for emergency program volunteers.







### 3.2 EMERGENCY INFORMATION PACKAGE

To the right is a representation of the home emergency information package which includes FireSmart information and Ember's Den colouring book.



#### 3.3 NEWSLETTERS

FireSmart newsletters have been used to annually inform community of the accomplishments of the FireSmart Program. Please see Appendix VI for the full series of FireSmart newsletters.





### 3.4 ASSESSMENT AND TREATMENT LIAISON

During FireSmart treatments in 2022, our FireSmart Champions accompanied the workers to distribute information, engage with residents, and take the opportunity to explain and promote FireSmart principles. Copies of the FireSmart Homeowners Manual and Landscaping Manual were provided.





Figure 4 - Treatment Liaison Information





### 3.5 FACEBOOK

On the following pages we present Facebook posts used to promote the program and the full message from the second post.











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FireSmart			
With the air thick about forest fires, surrounded by fo	with smoke right now e All communities in BC rest, Homalco is no diffe	everyone is thinking are at risk, and beir erent.	l ng
In order to reduce Emergency Mana First Nations Em Municipalities, an us be "FireSmart"	e the risk to our commu gement Committee has ergency Services Society ad the Campbell River F <sup>7</sup> .	nity the Homalco teamed up with the 7, the Union of BC ire Department to h	ielp
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🕐 Land Forest People	Consulting Ltd., David M Ca	arson and Jean Hill	
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With the air thick with smoke right now everyone is thinking about forest fires. All communities in BC are at risk, and being surrounded by forest, Homalco is no different.

In order to reduce the risk to our community the Homalco Emergency Management Committee has teamed up with the First Nations Emergency Services Society, the Union of BC Municipalities, and the Campbell River Fire Department to help us be "FireSmart".

FireSmart means living with and managing for wildfire. Preparing for the threat of wildfire is a shared responsibility. Community members, community leaders, and all levels of government have a responsibility to lessen the effects of wildfire. FireSmart uses preventative measures to reduce wildfire threat to communities.

We will be working with Land Forest People Consulting and Margaret Symon of Strathcona Forestry Consulting to assess our properties, homes, and building and identify what we need to do. The assessments will be happening September 24<sup>th</sup>. There is more information to come on that but please put that date on your calendar.

We are inviting all community members to work together in preparing their homes to be as resistant to wildfire as possible. While the purpose is to protect lives and property, our goal is to be recognized as a FireSmart Community. This FireSmart graphic tells the story on what things we can do!

For more information please contact Keanna or Alison at the office.









How to be FireSmart 🗹





...

### 4.0 FIRESMART EVENTS

### 4.1 2022 FIRESMART EVENT

The 2022 FireSmart event was held on the afternoon of August 16<sup>th</sup>. Attendees gathered for lunch followed by presentations on the risk of wildfire to Homalco, an introduction to FireSmart, the Homalco mitigation program, home assessments, and a demonstration of the Campbell River structural protection unit sprinklers. Presentation materials are available in Appendix X.





### 4.2 2020 FIRESMART EVENT

A community FireSmart event was held in conjunction with a village spring clean-up. This allowed for a more extensive event with multiple goals of community fire safety, FireSmart, and community engagement.











### 5.0 FIRESMART PROGRAM

Homalco has developed our FireSmart project in order to take action toward greater wildfire safety and compatibility with our wildfire environment. Our FireSmart program is targeted at the residential area of the community.

By taking advantage of being within the geographic scope of the City of Campbell River's *Community Wildfire Protection Plan*, Homalco has been able to attract FireSmart planning funding through a number of provincial and federal agencies.

Through this project we have begun the work of mitigating risk from wildfire on the reserve using FireSmart principles. Within this project we have:

- Reached out to provincial liaison and local emergency management and response agencies;
- Developed a communication strategy and built community awareness;
- Worked with the Campbell River Fire Department and the Strathcona Regional District Emergency Management Coordinator;
- Formed a FireSmart Community Board;
- Undertaken a community assessment and some home assessments;
- Developed this FireSmart Community Plan;
- Held two FireSmart Day events;
- Amended our all-hazards emergency management plan to reflect FireSmart planning;
- Trained two FireSmart Community Champions; and
- Succeeded in achieving for FireSmart Community Recognition Status.

### 5.1 FIRESMART BOARD

Homalco has established a FireSmart Board listed below:

- Darren Blaney, Chief of Homalco First Nation;
- Alison Trenholm, Councilor and Emergency Operations Centre Director;
- John Lewis, Administrator and Emergency Program Coordinator;
- Ella Paul and James Hackett, FireSmart Champions; and
- Thomas Doherty, Fire Chief, City of Campbell River.



### 5.2 COMMUNITY CHAMPIONS

Two FireSmart Community Champions received training. We congratulate Ella Paul and James Hackett. Training was delivered by John Stechyshyn, RPF of Strategic Natural Resource Consultants Inc.



### 5.3 COMMUNITY RECOGNITION

Homalco village was recognized as a FireSmart Community in the spring of 2021. Please see page iii.





## 6.0 FIRESMART ASSESSMENTS

### 6.1 ASSESSMENTS 2022

FireSmart assessments were complete on 15 homes in addition to those assessed in 2019. The assessments were led by Local FireSmart Representative Shawn Hall of Campbell River Fire and Rescue. Some assessments were completed by Homalco staff under Shawn's direction. Individual assessments can be found in Appendix II of this plan.

A neighbourhood wildfire hazard assessment was completed by Lisa Axelson, LFR based on the 15 individual assessments. The neighbourhood assessment and the individual assessments can be found in Appendix I of this plan.

The following recommendations flow from the assessments:

- Emergency program staff should work with housing staff to address all of the following recommendations;
- Community buildings (administration, preschool, hall, and health centre) should be assessed;
- Prepare a plan to address all wildfire fuel and structural risks for all homes and community buildings;
- For all homes, establish a 1.5m non-combustible zone around the perimeter;
- Structural risk elements of almost universal occurrence in the community should be addressed:
  - Replace combustible gutters with non-combustible ones and clean at least annually;
  - Replace vents made of combustible material and those without 3mm screening;
  - Replace combustible siding in the following priority: 1) homes with broken siding or gaps in the siding; and 2) all homes with vinyl siding;
- For all homes with wood burning stoves or furnaces, build a wood storage structure 10m away from the home;
- For future home renovation and construction projects consider FireSmart principles for decking; and
- Provide public education on FireSmart landscaping.

### 6.2 ASSESSMENTS 2019

A community (neighbourhood) wildfire hazard assessment report was produced following an assessment of homes within the community. The report was authored by Margaret Symon RPF PCP of Strathcona Forestry Consulting and can be found in Appendix II. Individual assessments can be found in Appendix II.

The assessment focused on the residential section of the reserve. The land is relatively level and surrounded by forest. There are 76 households and two community buildings. The homes are relatively close together and home ignition zones overlap one-another. A mix of brush and grass fuels with other combustibles throughout the community there is sufficient fuel continuity to enable a fire to spread rapidly to all homes and the single main access route to the community.

The situation, however, is such that residents will be able to substantially reduce their exposure to loss with a relatively small investment of time and effort.

A few areas of concern were identified through the assessments as priorities for community attention:



- Roof maintenance. Roofing material is universally asphalt shingles which are Class A for fire risk. However, faulty or dirty gutters were common and represent a risk to the homes due to accumulated combustible material and susceptibility to flying embers. Fix and regularly clean gutters and down spouts.
- 2. Building exterior materials. Vinyl siding used throughout the community offers very little protection. As new homes are built, and as exterior siding is replaced, the use of materials such as stucco, metal, brick and concrete offer superior resistance to wildfire.
- 3. Combustibles within the FireSmart 1.5 metre non-combustible zone around homes. As a priority remove combustible materials from this zone. Non-combustible ground cover materials should also be established. Do not block access to decks. Remove brush and combustibles from decks to ensure emergency access is not impeded. Combustibles may include rattan doormats, flammable patio furniture, and firewood stacked next to the house.
- 4. Excessive vegetation including coniferous vegetation within the community's interface priority zones. Required is the alteration and reduction of fuel, including:
  - a. Remove combustibles surrounding homes (within the 1.5 m zone and out to 10m around the home). In the event of a fire, combustibles surrounding the home will impede fire fighter access, and will also help feed a fire.
  - b. Remove hazardous fuels within home priority zones.
  - c. Removed dead and down woody debris.
  - d. Prune and thin coniferous trees.
  - e. Remove broom along road rights-of-way.
- 5. Work in conjunction with the Fire Department to ensure all homes are equipped with working smoke alarms.
- 6. Work in conjunction with the Fire Department to ensure all homes and community buildings have clearly visible address signage, especially at night.
- 7. Stack firewood or wooden building materials a minimum of 10 metres away from any structure.



# 7.0 MITIGATION ACTIVITIES

### 7.1 FUEL MANAGEMENT

Although surrounded by forest of higher wildfire risk, the Homalco lands are generally low risk due to the mixed deciduous forest cover, wet ground, and streams crossing the land. For these reasons we are not considering operational fuel management in the non-residential areas of the community at this time.

### 7.2 CRI FIRESMART 2021/2022

CEPF UBCM CRI 2021/2022 funding was used to mitigate wildfire risk associated with forest fuels in proximity to homes. Twenty homes were treated. Treatment reports are shared immediately in summary form. A full report with before and after photos can be found in Appendix VII.

Address	Activity/Notes
1205, 1211, 1215, 1221, 1225, 1231, 1235, 1241, 1245, 1251, 1255, 1261 Bute	Back yard encroachment cleared to bare soil.
1252 Bute	Backyard brush removed.
1258, 1262 Bute	Brushing, rooting, chemical treatment, debris pile removed.
1310, 1320 Bute	Brushing and tree pruning.
1350, 1352 Bute	Brushing, debris piles (2) removed.
1368 Bute Cres	Debris pile removed.

### 7.3 ISC/FNESS FIRESMART TREATMENTS 2021/2022

As this is published in February of 2023, the ISC/FNESS program FireSmart fuel management treatments project is partially completed. It will be complete by June 2023. When complete the treatments will have touched 19 buildings comprising 23 homes. Treatment reports are shared below in summary form. A full report with before and after photos is to be found in Appendix VIII.



Address	Activity/Notes
1205, 1211, 1215, 1221 Bute Crescent	Backyards required woody material removal following mechanical brushing which was undertaken through the CRIP 2021 2022 project. Under this FNESS project large material at the edge was bucked to the ground and intermediate and small material was removed to landfill. Areas of bare ground were hydroseeded for the best chance at quick growth and successful establishment and competition with the blackberry.
1225, 1231, 1235, 1241, 1245, 1251, 1255, 1271, 1275 Bute Crescent	<ul> <li>Backyards required woody material removal following clearing which was undertaken through the CRIP 2021 2022 project. There was significant foreign material mixed into the heaped material.</li> <li>Clearing work has been completed.</li> <li>The ground was raked and smoothed to allow seeding and subsequent regular maintenance by mowing.</li> <li>The area was hydroseeded for the best chance at quick growth and successful establishment and competition with the blackberry.</li> <li>Conifers in front of 1235 were removed or pruned after discussion with the resident. Removed shrub near front door. There was shrub and tree removal or pruning between 1241 and 1235.</li> </ul>
1330 Bute	Backyard - removed conifers within 10 m and pruned the others. Brushed under back steps etc. Removed Elderberry at rear corner of home.
1401, 1421, 1431 Aupe	Brushing, rooting, and seeding: north side of 1401, south of 1421, south of 1431. Brushing is completed.
1426 Aupe (5-plex)	Broom and blackberry brushing all around building.
1334 Bute	Brushing front and back. Removed the conifer tree (left side near 1340).

### 7.4 FIRE PREVENTION AND STRUCTURAL FIRESMART ACTIVITIES

The Homalco housing department undertakes home inspections and performs maintenance on all Homalco owned homes. Housing has worked with Campbell River Fire and Rescue to perform fire safety consultations and to provide household alarm and extinguishers.

In 2023 recommendations for home FireSmart structural improvements will be summarized and provided to the housing department to help guide their program.

High quality, long lasting steel house number signs have been established at all homes and buildings to support emergency response agencies.



## 8.0 PROJECTS HISTORY

While wildfire risk mitigation results are reported above by topic, it is also useful to record project activities by year and funding agency in order to have a complete picture of the program over the years. The following are in reverse chronological order.

### 8.1 2021/2022 UBCM CRIP FUNDING

This is Community Resiliency Investment Program funding administered by the Union of BC Municipalities (UBCM).

Education activities included FireSmart Champion liaison with homeowners during FireSmart mitigation work, a FireSmart event, documentation of all programs through update of this FireSmart community plan, and community communication through a four-page newsletter and update of the FireSmart website page. All of this was documented in a short video distributed in social media and on the website.

This project included 15 FireSmart home assessments undertaken by the Campbell River Fire and Rescue Local FireSmart representative.

Finally, this project, through a rebate program, covered 50% of costs of forest fuel mitigation work protecting 20 homes.

### 8.2 2021/2022 ISC FNESS FIRESMART FUNDING

This project was funded by the ISC/FNESS On-reserve FireSmart program.

FireSmart fuel management treatments touched 19 buildings comprising 23 homes. Please see Appendix VIII.

Education activities included FireSmart Champion liaison with homeowners during treatments, update of the FireSmart Community Plan and update of the Homalco emergency program webpages.

### 8.3 2020/2021 UBCM CRIP FUNDING

Community Resiliency Investment Program funding for the 2020/2021 fiscal was utilized to deliver:

- A four-page FireSmart newsletter distributed to all homes;
- An emergency management web presence on the Homalco website including FireSmart specific information;
- A home emergency information package designed to be hung in the front closet of every home;
- A wildfire themed emergency operations centre (EOC) tabletop exercise; and
- Full documentation of activities in this FireSmart Community Plan to protect institutional knowledge and support effectiveness and efficiency in the program.





### 9.0 ACTION PLAN

The following table presents the current set of recommended action items for the community to undertake to reduce risk and losses from wildfire.

Priority	Activity
1	Home preparedness. In conjunction with the Housing Department and the Campbell River Fire Department, ensure all homes have functional smoke and CO alarms and fire extinguishers.
2	Remove combustibles from around homes. This includes recyclable materials, potentially hazardous materials, and residual solid waste. Provide appropriate solid waste removal for members to enable them to undertake the cleanup. Assist Elders and others requiring assistance to undertake the cleanup.
3	Vegetation management in the immediate area of homes. Train community members in safe practices for vegetation management and undertake vegetation modification and removal to meet FireSmart standards - especially the non-ignition zone.
4	Continue education and engagement activities to keep FireSmart top of mind.
5	Home maintenance: in conjunction with the Housing Department, undertake maintenance and cleaning of gutters, siding, decks, and exterior stairs in order to increase wildfire resilience.
6	Preparation of a Community Wildfire Resilience Plan specific to Homalco including territorial sites.
7	Building exterior materials: as new homes are built, and as exterior siding is replaced, install materials such as stucco, metal, brick, or concrete.



### 10.0 APPENDICES





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#### APPENDIX I. FIRESMART ASSESSMENTS 2022





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# **NEIGHBOURHOOD RECOGNITION PROGRAM**

# WILDFIRE HAZARD ASSESSMENT FORM

### INTRODUCTION

FireSmart<sup>™</sup> Canada's Neighbourhood Recognition Program teaches people how to live with wildfire and increase their home's chance of survival through proactive actions, while encouraging neighbours to work together to reduce losses and damage. The Neighbourhood Wildfire Hazard Assessment is an important step in the FireSmart neighbourhood recognition process. It's a tool to help neighbourhood residents understand their wildfire hazard and how to reduce it.

Research has shown embers (burning pieces of airborne wood and/or vegetation that can be carried

up to two kilometres by the wind) and small surface fires to be the primary source of home ignitions during wildfires.

Residents must prepare their home to withstand embers and minimize the likelihood of flames or surface fire touching the home or any attachments. This can be accomplished by choosing ignitionresistant building materials and construction techniques and limiting the amount of flammable vegetation in the four home ignition zones that surround each home - periodic maintenance of vegetation is also important.





### OVERVIEW

It is not uncommon for home ignition zones to overlap onto adjacent properties. This makes the conditions of neighbouring homes and vegetation a part of the wildfire threat. To maximize benefits, it's important that neighbours work together to reduce their shared wildfire hazard and risk.

### The Neighbourhood Wildfire Hazard Assessment speaks to the general conditions in the neighbourhood and does not provide details on individual properties.

The assessment process:

- Is completed by the Local FireSmart Representative during a walkthrough or a driveby of the neighbourhood and does not require each individual dwelling unit to have a home hazard assessment completed prior to the neighbourhood assessment
- Needs a logical recognized neighbourhood boundary (defined by streets, adjacent public property, infrastructure right of ways etc.)

### The assessment should focus on:

- Vulnerability of homes to embers, ignition of small surface fires, and crown fire
- Condition of the structures themselves
- Immediate hazards within the Home Ignition Zone on individual properties
- Concerns presented by common/open space areas or adjacent public lands.

# Also consider factors that impact hazard and influence fire behaviour or structure ignitability:

- Home construction characteristics (materials used for roofs, siding, decks, etc)
- General landscaping characteristics vegetation types and condition
- Slope and aspect (direction a neighbourhood faces north, south, east, or west)
- Housing density.

The recommendations provided by the completed Neighbourhood Wildfire Hazard Assessment will be prioritized in the FireSmart Neighbourhood Plan and used by the FireSmart Neighbourhood Committee to organize FireSmart Events within the neighbourhood boundaries.



# DEFINING THE FIRESMART NEIGHBOURHOOD

The size of the FireSmart Neighbourhood is largely determined by the FireSmart Neighbourhood Champion and Committee – their comfort level with the location and number of neighbourhood properties is all important. It may be most efficient to limit the size of the neighbourhood to 'block party sized' groups of between 20 and 50 homes. Larger neighbourhoods that feature existing homeowner or cottager associations may also be quite workable.

### General Neighbourhood Description

Neighbourhood Name:	Homalco First Nation		
Community (Town/City):	1218 Bute Crescent, Campbell River	Prov/Terr:	BC
Latitude:	49 deg 57.100' N	Longitude:	125 deg 14.615' W

**Boundary Description:** (Provide a description of the neighbourhoods recognized boundaries such as streets, crown or municipal land parcels, utility or other infrastructure right of ways, etc.):

This assessment is for the Homalco village located at 1218 Bute Crescent, Campbell River. There are three other locations for this nation that have not been assessed as they are across the Strait of Georgia at the Head of the Bute Inlet on the Homathko River.

The community assessed is comprised of 15 residential homes. There are several community buildings that comprise the critical infrastructure that have not been assessed.

These buildings should be assessed for their fire risk as they are a vital link in the communities all-hazards Plan and a central part of the community.



#### **General Neighbourhood Information**

Number of properties – homes within the neighbourhood's identified boundary.

**Note:** Multiple neighbourhoods can be located within a single large community.

### **General Neighbourhood Information**

For definition purposes, a dwelling unit is a:

- Household/residence built for occupancy by one person, a family, or roommates, including mobile homes and cabins; and for multi-family residential occupancies (i.e. duplexes or townhomes)
- An apartment building with 10 units would be considered ten dwelling units

### Description of Properties within the Boundary

Number of dwelling units: 1	15	Number of residents:	not known
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### Residential types in the neighbourhood (check all that apply):

Single family	Duplex	Townhomes
Apartment	Mobile/Manufactured	🗙 Other

### Types of ownership (check all that apply):

Private Common Public (Crown/Munici	pal)
-------------------------------------	------

### Lot sizes (check all that apply):

$\bigcirc$ Less than 0.05 hectares or 500 square metres - (30' x 100' lot = 0.03 hectares)
$\times$ 0.05 to 0.1 hectares or 500 to 1,000 square metres - (60' x 100' lot = 0.06 hectares)
0.1 to 0.25 hectares or 1,000 to 2,500 square metres - (100' x 100' lot = 0.1 hectares)
Greater than 0.5 hectares or 5,000 square metres

### Other neighbourhood information

eg – Full time residents vs vacation/absentee residents, commercial/business operations, existing Homeowners Association or other groups.

All residential structures have full time occupancy.

There are several buildings occupied by the band for the daily operations comprised of a community building, preschool, health care building and a workshop building. The the business "Wildlife and Cultural Tours" is located in this community.



#### Description of Local Wildland Fire Characteristics

Fire intensity and rate of spread depend on the vegetation type (coniferous/deciduous) and condition (live/dead), topography, and typical weather patterns.

Describe the common vegetation type(s) in the neighbourhood (i.e., grasses, shrubs, and trees):

The vegetation type is a mixture of coniferous and deciduous trees and shrubs. The vegetation between all the homes is a mixture of coniferous and deciduous with some areas kept somewhat maintained and others very overgrown.

There are also many areas that have not been maintained and infringe onto buildings and other structures.

Several of the homes in Zone 2 (10 to 30 meters) have the brush very overgrown and densely forested.

The entire community is surrounded by forested area that falls into Zone 3 (30 to 100 meter) This area is heavily forested and densely packed.

Describe the topography within the neighbourhood (geographical features such as steep slopes and what direction the slope faces, presence of ravines and gullies or is the area primarily flat):

The topography is fairly flat not much elevation gains and losses. The elevation of the entire community and several kilometers surrounding the area is at an elevation of 60 to 80 meters above sea level.

There are no concerns of slopes, ravines or gullies with regards to wildfire spread.

#### Wind exposure:

No regular exposure to winds	$\bigotimes$ Regularly exposed to winds	Frequent severe winds
------------------------------	---	-----------------------

#### History of wildfire:

Area with recent history of fire occurrence	$\bigotimes$ Area with history of fire occurrence	
Area with no history of fire occurrence	Unknown	



# NEIGHBOURHOOD OBSERVATIONS

Use this section to record observations from within the neighbourhood and recommendations for action that can be included in the Neighbourhood Plan. Photos that illustrate successful hazard reduction efforts and areas that need improvement are useful and may be filed with Neighbourhood Recognition Program documents.

Remember, this is a neighbourhood-wide view and should report on the overall conditions of the entire neighbourhood. Individual home ignition zone assessments are not required for the Neighbourhood Wildfire Hazard Assessment.

### Observations

The observation section is broken down by the characteristics of homes and the vegetation management within the home ignition zones and common areas. Mark the appropriate box for each category that best represents the conditions within the neighbourhood.

### Homes

General building construction - are the homes made from ignition resistant building materials?

### **Roofing Materials**

Fire-rated – good condition roof materials (metal, clay, asphalt shingles) vs Fire-rated – poor condition or un-rated roof materials (wooden shake).

 $\overline{X}$  Greater than 75% of homes have fire-rated roof materials (metal, clay, asphalt shingles)

50 to 75% of homes have fire-rated roof materials (metal, clay, asphalt shingles)

25 to 50% of homes have fire-rated roof materials (metal, clay, asphalt shingles)

Less than 25% of homes have fire-rated roof materials (metal, clay, asphalt shingles)

### **Gutter Type and Roof Cleanliness**

Gutter Type and leaf litter, pine needles, or debris on roof or in gutters.

Greater than 75% of homes have non-combustible gutters, with cleaned roof and gutters
50 to 75% of homes have non-combustible gutters, with cleaned roof and gutters
25 to 50% of homes have non-combustible gutters, with cleaned roof and gutters
$\bigotimes$ Less than 25% of homes have non-combustible gutters, with cleaned roof and gutters



### Vents and Openings

Vents allow air to flow in or out of buildings and can be a potential ignition source.

Greater than 75% of homes have non-combustible, fire-rated vents with 3mm screening
50 to 75% of homes have non-combustible, fire-rated vents with 3mm screening
25 to 50% of homes have non-combustible, fire-rated vents with 3mm screening
$\bigotimes$ Less than 25% of homes have non-combustible, fire-rated vents with 3mm screening

### **Building exterior or siding**

Non-combustible or ignition resistant siding - fibre cement, stucco, log metal, brick/stone vs Combustible siding - vinyl or wood.

### Ground-to-siding clearance

15 centimetres non-combustible vertical ground-to-siding clearance.

Greater than 75% of homes have 15 cms non-combustible vertical ground-to-siding clearance

50 to 75% of homes have 15 cms non-combustible vertical ground-to-siding clearance

25 to 50% of homes have 15 cms non-combustible vertical ground-to-siding clearance

 $\times$  Less than 25% of homes have 15 cms non-combustible vertical ground-to-siding clearance



### Balcony, deck, porch

Non-combustible decks feature no gaps or cracks, heavy timber, non-combustible or fire-rated construction with non-combustible surface and no combustible debris under deck.

Greater than 75% of homes have non-combustible deck with no combustibles under deck
50 to 75% of homes have non-combustible deck with no combustibles under deck
25 to 50% of homes have non-combustible deck with no combustibles under deck
$\bigotimes$ Less than 25% of homes have non-combustible deck with no combustibles under deck

#### Window Glass

Tempered or multi-pane vs single pane windows.

Greater than 75% of homes have tempered or multi-pane windows
50 to 75% of homes have tempered or multi-pane windows
25 to 50% of homes have tempered or multi-pane windows
Less than 25% of homes have tempered or multi-pane windows

#### Non-Combustible Zone

The area up to 1.5 metres from the ground-level exterior footprint of the structure including any attachments or extensions must feature a non-combustible surface, with no combustible debris, materials, fences or plants present.

Greater than 75% of homes have treated Non-Combustible Zone
50 to 75% of homes have treated Non-Combustible Zone
25 to 50% of homes have treated Non-Combustible Zone
K Less than 25% of homes have treated Non-Combustible Zone



### Zone 1

The area 1.5 metres to 10 metres from the home must feature:

- i) No coniferous (evergreen) forest vegetation
- ii) Surface vegetation of grass less than 10 centimetres long or non-combustible surface and low flammability (deciduous) plants
- iii) No woodpiles and other combustible materials, vehicles or outbuildings not meeting FireSmart standards

Greater than 75% of homes have treated Zone 1
50 to 75% of homes have treated Zone 1
25 to 50% of homes have treated Zone 1
$\bigotimes$ Less than 25% of homes have treated Zone 1

### Zone 2

The area 10 metres to 30 metres from the home must feature:

- i) Separated coniferous (evergreen) forest vegetation (3 metres between adjacent treetops)
- ii) Reduced surface vegetation (dead branches, long grass, needles)
- iii) Flammable shrubs (coniferous) should be spaced out and away from coniferous trees
- iv) No low-lying coniferous tree branches (less than 2 metres from ground)

### Zone 3

The area 30 metres to 100 metres from the home is often a common/open space area or an adjacent public/private land area.

This area is often not owned by neighbourhood residents but may feature accumulated wildland fuels that can support wildfires spreading towards or through the neighbourhood.

 $\overline{X}$  Neighbourhood is adjacent to wildlands with accumulated fuels

Neighbourhood is not adjacent to wildlands with accumulated fuels



Is there a management plan for the wildland fuels in Zone 3? If so, please describe:

At this time there is no management plan.

A management plan needs to be created with funding sources secured.

Persons or companies retained to complete the management plan will need to be sourced as well.

# Additional comments or observations regarding neighbourhood conditions:

This community is in need of vegetation clean up in the non-combustible and zone 1 for the spring and summer of 2023.

Mitigation of vegetation in zone 2 and 3 should be organized as soon as possible

This community is geographically smaller and self-contained than most and would have great success in retaining recognition as a FireSmart Community. FireSmart Champions are in place.



Use this section to summarize observations made in the Neighbourhood Wildfire Hazard Assessment.

Home Ignition Zone Hazard Factor Summary – Part 1						
Provide a percentage number in th FireSmart compliance for each haz	Provide a percentage number in the blank provided to summarize approximate neighbourhood FireSmart compliance for each hazard factor.					
Roofing Materials - page 6	100 % of homes have fire-rated roof materials (metal, clay, asphalt shingles)					
Gutter Type and Roof Cleanliness - page 6	25/ 100	%	of homes have cleaned and maintain their roof and gutters			
Vents and Openings - page 7	25	%	of homes have non-combustible, fire-rated vents with 3mm screening			
Building exterior or siding - page 7	00 / 100	%	of homes have non-combustible or ignition resistant siding			
Ground-to-siding clearance - page 7	00 / 100	%	of homes have 15 cms non-combustible vertical ground-to-siding clearance			
Balcony, deck, porch - page 8	10 / 100	%	of homes have non-combustible deck with no combustibles under deck			
Window Glass: Multi-pane vs single pane windows - page 8	100	%	of homes have multi-pane windows			
Non-Combustible Zone - page 8	20/ 100	%	of homes have treated Non-Combustible Zone			
Zone 1 - page 9	20 / 100	%	of homes have treated Zone 1			
Zone 2 - page 9	25 / 90	%	of homes have treated Zone 2			



### Home Ignition Zone Hazard Factor Summary – Part 2

List issues identified and ranked as priorities for hazard mitigation as well as areas where there is high compliance with FireSmart guidelines within the neighbourhood.

Emphasis should be on the FireSmart status of the homes and Non-Combustible Zone/Zone 1 areas.

Education and enlistment of all community members to implement FireSmart mitigation principals.

All homes require FireSmart mitigation of the Non-Combustible/Zone 1 now - this spring/summer. With all buildings clad in vinyl siding the clean up of these two zones is vital and will hopefully prevent spread of wildfire to the homes.

Community work on implementation of FireSmart vegetation clean up in Zone 2 and 3 in the next 1 to 2 years.

**Recommendations -** Provide recommendations for neighbourhood activities to reduce wildfire hazard.

Education of the FireSmart principals.



### NEXT STEPS

The information collected during the Neighbourhood Wildfire Hazard Assessment process will help develop recommendations that can be applied to the neighbourhood's FireSmart Neighbourhood Plan - a prioritized list of hazard reduction projects and the related investments needed to achieve them for the neighbourhood. The FireSmart Neighbourhood Plan also highlights suggested homeowner actions and education activities – called FireSmart Events - that participants will strive to complete – generally one event per year, over a period of multiple years. FireSmart Neighbourhood Plans should be updated at least every three years.

Neighbourhood Wildfire Hazard Assessment recommendations may address other neighbourhood/ fire safety issues such as:

- Ingress/egress routes
- Street signs and address numbers
- Location of fire service and capabilities
- Water supply for fire service response hydrant locations

The local fire department can offer assistance in determining what other safety issues should be addressed.

### **Assessment Participants**

List the principal participants who assisted in development of this document. This will be the Local FireSmart Representative, the Neighbourhood Champion or Committee members, local Fire Chief etc.

Name	Role/Organization	Phone	Email	Date
Lisa Axelson	Local FireSmart Representative	604-793-9921	lisaaxelson@landfor estpeople.com	02/17/2023
Name 2				

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# FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1235 Bute Cres

DATE: 11/15/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE	
1	Roof (metal, clay, asphalt shingles)		Fire-Rated – poor co unrated (wood shak	0		
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	0
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	0
		0			6	
4	Eaves	Closed or Boxed-in eaves		Open eaves	0	
		0				
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant ( <i>vinyl, wood</i> )		6
		0				
6	Building exterior No gaps, cracks or holes		Gaps, cracks or hole			
		0		6		
7	Ground-to-siding clearance	15 cm non-combustit ground-to-siding clea	ole vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical arance	30
	0		30			
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris u	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	0
			0		30	



### HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS S					SCORE			
9	Position on slope	tion on slope Building is located on the bottom or lower portion of hill Building is located on the mid to upper portion or crest of hill					0	
			0			6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane		
10		Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
					HA	ZARD SCORE -	Total for HOME	38

# NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30
	extensions	0	30	
	HAZARD SCORE – Total for Non-Combustible Zone			

# ZONE 1

(1.5 - 10 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS	CTERISTICS AND POINT RATINGS S		
12	Woodpiles and other combustible materials (eg. stored vehicles)		Less than 10 m from home	30	
		0	30		
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	30	
	Bolacilles	0	30		



## ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE		
14	Forest vegetation (trees)	rest vegetation (poplar, aspen, birch) Mixedwood (mix of tree types) - both deciduous (leafy) and coniferous (evergreen) (spruce, pine, fir, cedar)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	30		
		0	30	)	30		
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more t flammability needles, brar	han 10 cm long or high plants, accumulated nches, logs	30	
		0		30			
HAZARD SCORE - Total for Zone 1					120		

# ZONE 2

(10 - 30 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE		
	Forest vegetation (trees)	N Deciduous (leafy) – (		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)		
16		(poplar, aspen, birch)	Separated			Continuous	10	
		0	10	)	10	30		
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		10	
	or juniper)	0	5		10			
18	Surface vegetation	None	Scattered		Abundant		10	
		0 5		10	)			
19	Low-lying tree branches	None		Present			10	
		0			10			
				HAZARD	) SCORE – Tota	l for Zone 2	40	



### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS					
Assess hazard factors 16 - 19 at	pove for Zone 3 and enter score at right					
	HAZARD SCORE – Total for Zone 3	0				

### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS				
Home	Home and attachments (deck)	38		
Non-Combustible Zone 0 - 1.5 m from home				
Zone 1	1.5 m - 10 m from home	120		
Zone 2	10 m - 30 m from home	40		
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:				
Zone 3 (if applicable)	30 - 100 m from home	0		
	TOTAL SCORE:	228		

### HAZARD LEVEL

# 228

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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# **RECOMMENDATIONS FOR HOMEOWNER**

Again, don't be disheartened if your score seems high. Many homes and properties can score fairly high. This is simply recommendations for the homeowner to have some ideas and effective ways mitigate the threat of a wildfire so that homeowners can learn to live with wildfire while protecting the home and property. Also remember that some of these deficiencies can be remedied over time, with small fixes, and not everything overnight.

Some of the higher points acquired are due to those deficiencies that fall into hazard factors that are considered to be more of a threat because that area of the home can be more susceptible to wildfire embers and heat ignition.

The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

# HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

# **Recommendations:**

When the opportunity comes to reside the home, it would be advisable to update the home with some more fire and heat resistant materials. Materials like hardy board, smart board, or brick. These materials will withstand higher temperatures of heat, as well as direct flames contact, or falling embers.

# FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1241 Bute Cres

For each Hazard Factor - select one point rating score and enter in score column on right.

# HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE	
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor co unrated (wood shak		
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	10
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	
			0		6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		
		0		6		
5	Building exterior or siding	Building exterior or siding		Combustible or non-ignition resistant (vinyl, wood)		6
				6		
6	Building exterior No gaps, cracks or holes		Gaps, cracks or holes		6	
	Condition	0		6		
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	ole vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical varance	30
			0		30	
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30
			0		30	



### HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE		
9	Position on slope	Building is located on the bottom or lower portion of hill		Building is located on the mid to upper portion or crest of hill				
		0				6		
		Tempered	Multi-pane / Thermal		I	Single pane		
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lars More t 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	6
		0	1	2		4	6	
HAZARD SCORE - Total for HOME						88		

# NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS				SCORE	
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30	
extensions		0	30		
HAZARD SCORE - Total for Non-Combustible Zone					

# ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30	
		0	30		
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	30	
	Solucinics .	0	30		



## ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS S					SCORE			
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	30
		0	30	)	30			
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		0		
		0		30				
HAZARD SCORE - Total for Zone 1					90			

# ZONE 2

(10 - 30 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS SC						SCORE	
		Deciduous (leafy) – (		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous coniferous (ever	(leafy) and green)	Separated	Continuous	30	
		0	10	)	10	30		
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		5	
	or juniper)	0	5 10		)			
18	Surface vegetation	None	Scattered		Abundant		5	
		0	5		10	)	0	
19	Low-lying tree branches	None		Present			10	
		0		10				
				HAZARD	) SCORE – Tota	l for Zone 2	50	



### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS			
Assess hazard factors 16 – 19 above for Zone 3 and enter score at right				
	HAZARD SCORE – Total for Zone 3	50		

### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS				
Home	Home and attachments (deck)	88		
Non-Combustible Zone 0 - 1.5 m from home				
Zone 1	1.5 m - 10 m from home	90		
Zone 2	10 m - 30 m from home	50		
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:				
Zone 3 (if applicable)	30 - 100 m from home	50		
	TOTAL SCORE:	308		

### HAZARD LEVEL

<b>Low</b>	Moderate	<b>High</b>	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

# 308

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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# FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1251 Bute Cres

DATE: 11/15/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS			IGS		SCORE			
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor condition or unrated (wood shakes)		Fire-Rated – good condition metal, clay, asphalt shingles) Fire-Rated – poor condition or unrated (wood shakes)		0
			0		30			
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter - no debris	Non-combustible gutter with debris	Combustible gutter with debris	0		
		0	6	10	16			
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	Combustible vents, not fire- rated or without 3 mm screening			
			0		6			
4	Eaves	Closed or Boxed-in eaves		Open eaves		0		
		0		6				
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6		
		0		6				
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or hole	S			
	condition	0		6				
7	Ground-to-siding ground-to-siding clearance		le vertical rance	No 15 cm non-combustible vertical ground-to-siding clearance		30		
			0		30			
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30		
			0		30			



### HOME

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE		
9	Position on slope	Building is located on the bottom or lower portion of hill			Building is located on the mid to upper portion or crest of hill			0
			0			6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane		
10		Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
HAZARD SCORE - Total for HOME						68		

# NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30	
	extensions	0	30		
HAZARD SCORE – Total for Non-Combustible Zone					

# ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	30
		0	30	



## ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE	
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	30	
		0	30	)	30		
15	15Surface vegetation and combustible materialsGrass less than 10 cm long or non-combustible surface, low flammability plants			Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		30	
		0		30			
HAZARD SCORE - Total for Zone 1					120		

# ZONE 2

(10 - 30 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS						
		Deciduous (leafy) –		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	10	
		0	10	)	10	30		
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		5	
	or juniper)	O O		5		10		
18	Surface vegetation	None	Scattered		Abundant		10	
		0	5		10			
19	Low-lying tree branches				Present		10	
		0		10				
				HAZARE	) SCORE – Tota	l for Zone 2	35	



### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS			
Assess hazard factors 16 – 19 above for Zone 3 and enter score at right				
	HAZARD SCORE – Total for Zone 3	0		

### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS					
Home	Home and attachments (deck)	68			
Non-Combustible Zone 0 - 1.5 m from home					
Zone 1     1.5 m - 10 m from home					
Zone 2	10 m - 30 m from home	35			
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:					
Zone 3 (if applicable)	30 - 100 m from home	0			
	TOTAL SCORE:	253			

### HAZARD LEVEL

# 253

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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# **RECOMMENDATIONS FOR HOMEOWNER**

Again, don't be disheartened if your score seems high. Many homes and properties can score fairly high. This is simply recommendations for the homeowner to have some ideas and effective ways mitigate the threat of a wildfire so that homeowners can learn to live with wildfire while protecting the home and property. Also remember that some of these deficiencies can be remedied over time, with small fixes, and not everything overnight.

Some of the higher points acquired are due to those deficiencies that fall into hazard factors that are considered to be more of a threat because that area of the home can be more susceptible to wildfire embers and heat ignition.

The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

# HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

**Recommendations:** 

When the opportunity comes to reside the home, it would be advisable to update the home with some more fire and heat resistant materials. Materials like hardy board, smart board, or brick. These materials will withstand higher temperatures of heat, as well as direct flames contact, or falling embers.

HAZARD FACTOR 7 (Ground to Siding Clearance 15cm/6")

Ideally 15cm/6inches of vertical space or clearance between the ground and the

# FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1252 Bute Cres

For each Hazard Factor - select one point rating score and enter in score column on right.

# HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE		
1	Roof material	Fire-Rated – good cor (metal, clay, asphalt s	Fire-Rated - good condition (metal, clay, asphalt shingles)		Fire-Rated – poor condition or unrated (wood shakes)		
			0		30		
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter - no debris	Non-combustible gutter with debris	Combustible gutter with debris	10	
		0	6	10	16		
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	6	
		0			6		
4	Eaves	Closed or Boxed-in eaves		Open eaves		6	
		0		6			
5	Building exterior or siding	ing exterior (fibre cement, stucco, log, metal, brick/stone)		Combustible or non resistant (vinyl, woo	0		
		0		6			
6	Building exterior	Building exterior No gaps, cracks or holes		Gaps, cracks or holes		0	
		0		6			
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	ole vertical rance	No 15 cm non-combustible vertical ground-to-siding clearance 30		30	
			0				
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	0	
		0			30		



### HOME

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE		
9	Position on slope	Building is located on the bottom or lower portion of hill			Building is located on the mid to upper portion or crest of hill			
		0				6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane		
10		Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	5
		0	1	2		4	6	
HAZARD SCORE - Total for HOME						57		

# NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	0	
	extensions	0	30		
HAZARD SCORE – Total for Non-Combustible Zone					

# ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	0
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0
		0	30	



## ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE	
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	0	
		0	30	)	30		
15	Surface vegetation and combustible materials Grass less than 10 cm long or non-combustible surface, low flammability plants			Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		0	
		0	30				
HAZARD SCORE - Total for Zone 1					0		

# ZONE 2

(10 - 30 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS					
		Deciduous (leafy) –	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)			Separated	Continuous	10
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		0
	or juniper)	0	5	5 10		)	
18	Surface vegetation	None	Scattered		Abundant		5
		0	5		10		•
19	Low-lying tree branches	None		Present			0
		0			10		
	HAZARD SCORE - Total for Zone 2						



### **ZONE 3**

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	AD FACTOR CHARACTERISTICS AND POINT RATINGS		
Assess hazard factors 16 - 19 at	pove for Zone 3 and enter score at right	15	
	HAZARD SCORE – Total for Zone 3	15	

### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS				
Home	Home and attachments (deck)	57		
Non-Combustible Zone	0 - 1.5 m from home	0		
Zone 1	1.5 m - 10 m from home	0		
Zone 2	10 m - 30 m from home	15		
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:				
Zone 3 (if applicable)	30 - 100 m from home	15		
	TOTAL SCORE:	87		

### HAZARD LEVEL

Low Moderate	<b>High</b>	Extreme
< 21 points 21-29 points	30 - 35 points	> 35 points

# 87

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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# FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1258 Bute Cres

DATE: 11/15/22

LFR NAME: Shawn Hall

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZARD FACTOR CHARACTERISTICS AND POINT R			S AND POINT RATIN	IGS		SCORE
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor co unrated (wood shak	0	
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	0
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	Non-combustible, fire-rated vents or vents with 3 mm screening		not fire- nm screening	0
		0			6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		0
		0				
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6
		0				
6	Building exterior	Building exterior No gaps, cracks or holes		Gaps, cracks or holes		6
		0		6		
7	Ground-to-siding clearance	15 cm non-combustible vertical ground-to-siding clearance		No 15 cm non-combustible vertical ground-to-siding clearance		30
			0		30	
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30
			0		30	



### HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS							SCORE		
9	Position on slope Building is loca or lower portice		ed on the bottom of hill		Building is located on the mid to upper portion or crest of hill			0	
		0					6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane			
10		Any Size	Small-Medium Less than 1 m x 1 m	Lars More t 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2	
		0	1	2		4	6		
HAZARD SCORE - Total for HOME						74			

# NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30	
		0	30		
HAZARD SCORE – Total for Non-Combustible Zone					

# ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0
	Solucinics .	0	30	



## ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE	
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	0	
		0	30	)	30		
15	5 Surface vegetation and combustible materials Grass less than 10 cm long or non-combustible surface, low flammability plants			Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		30	
		0	30		30		
				HAZARE	SCORE - Total for Zone 1	60	

# ZONE 2

(10 - 30 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE			
		Deciduous (leafy) –		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	0	
		0	10	)	10	30		
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		0	
	or juniper)	0	5		10			
18	Surface vegetation	None	Scattered		ed Abundant		10	
		0	5		10			
19	Low-lying tree branches	None		Present			0	
		0		10				
	HAZARD SCORE - Total for Zone 2							



### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS				
Assess hazard factors 16 - 19 at	pove for Zone 3 and enter score at right				
	HAZARD SCORE – Total for Zone 3	0			

### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS		SCORE
Home	Home and attachments (deck)	74
Non-Combustible Zone	0 - 1.5 m from home	
Zone 1	1.5 m - 10 m from home	
Zone 2	10 m - 30 m from home	10
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:		
Zone 3 (if applicable)	30 - 100 m from home	0
	TOTAL SCORE:	174

### HAZARD LEVEL

Low Moderate	<b>High</b>	Extreme
< 21 points 21-29 points	30 - 35 points	> 35 points

# 174

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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# **RECOMMENDATIONS FOR HOMEOWNER**

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The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

# HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

**Recommendations:** 

When the opportunity comes to reside the home, it would be advisable to update the home with some more fire and heat resistant materials. Materials like hardy board, smart board, or brick. These materials will withstand higher temperatures of heat, as well as direct flames contact, or falling embers.

HAZARD FACTOR 6 (Building Exterior Condition) Ideally no gaps, cracks, holes, or missing pieces of siding.




HOME ADDRESS:

1271 Bute Crescent

For each Hazard Factor - select one point rating score and enter in score column on right.

#### HOME

HA	ZARD FACTOR	CHARACTERISTIC	S AND POINT RATIN	IGS		SCORE
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor condition or unrated (wood shakes)		
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	6
			0		6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		
		0		6		
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6
			0		6	
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or holes		6
			0		6	-
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	le vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical arance	30
			0	30		
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30
			0		30	



HAZ	ARD FACTOR	CHARACTERIST	ICS AND POINT F	RATINGS				SCORE
9	Position on slope	Building is located on the bottom or lower portion of hill		Building is located on the mid to upper portion or crest of hill				
			0			6		
		Tempered	Tempered Multi-pane / Thermal		Single pane			
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Larg More t 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
	HAZARD SCORE - Total for HOME							80

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	15
		0	30	
		HAZARD SC	ORE - Total for Non-Combustible Zone	15

#### ZONE 1

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	0
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	30
		0	30	



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND PO	DINT RATINGS			SCORE		
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – C both deciduous (leafy) ( and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	
		0	30	)	30			
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more t flammability needles, brar	Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs			
		0		30				
				HAZARE	SCORE - Total for Zone 1	30		

### ZONE 2

HAZ	ARD FACTOR	CHARACTERISTICS AND PO	DINT RATINGS				SCORE		
		Deciduous (leafy) –		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)			
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	10		
		0	10	)	10	30			
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scatte	ered	Abun	Abundant			
	or juniper)	0		10					
18	Surface vegetation	None	Scattered		Abun	dant	10		
		0	5		10	)	10		
19	Low-lying tree branches	None					Present		10
		0			10				
				HAZARE	) SCORE – Tota	l for Zone 2	35		



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS	SCORE
Assess hazard factors 16 - 19 at	pove for Zone 3 and enter score at right	40
	HAZARD SCORE – Total for Zone 3	40

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSME	NT TOTALS	SCORE
Home	Home and attachments (deck)	80
Non-Combustible Zone	0 - 1.5 m from home	15
Zone 1	1.5 m - 10 m from home	30
Zone 2	10 m - 30 m from home	35
Но	me and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:	160
Zone 3 (if applicable)	30 - 100 m from home	40
	TOTAL SCORE:	200

#### HAZARD LEVEL

Low Moderate	<b>High</b>	Extreme
< 21 points 21-29 points	30 - 35 points	> 35 points

# 200

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)





HOME ADDRESS:

1275 Bute Cr

DATE: 8/4/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HA	ZARD FACTOR	CHARACTERISTIC	S AND POINT RATIN	IGS		SCORE	
1	1Roof materialFire-Rated - good condition (metal, clay, asphalt shingles)Fire-Rated - good condition unrated (wood)		Fire-Rated – poor co unrated (wood shak	Fire-Rated – poor condition or unrated (wood shakes)			
			0		30		
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter - no debris	Non-combustible gutter with debris	Combustible gutter with debris	0	
		0	6	10	16		
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	0	
			0		6		
4	Eaves	Closed or Boxed-in eaves Open eaves			0		
		0		6			
5	Building exterior or siding	Non-combustible or i (fibre cement, stucco,	gnition resistant log, metal, brick/stone)	Combustible or non resistant (vinyl, woo	-ignition d)	6	
		0		6			
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or hole	S		
	condition		0		6		
7	Ground-to-siding clearance	15 cm non-combustit ground-to-siding clea	ple vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical arance	30	
			0		30		
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris u	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30	
			0		30		



HAZ	ARD FACTOR	CHARACTERIST	ICS AND POINT I	RATINGS				SCORE
9	Position on slope	Building is located on the bottom or lower portion of hill		Building is located on the mid to upper portion or crest of hill			0	
		0				6		
		Tempered	Multi-pane / Thermal		I	Single pane		
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
	HAZARD SCORE - Total for HOME						68	

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30
		0	30	
		HAZARD SC	ORE - Total for Non-Combustible Zone	30

#### ZONE 1

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30	
		0	30		
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0	
	goldennes	0	30		



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS				SCORE					
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	0
		0	30	)	30					
15	Surface vegetation and combustible materials	ion and Iterials		Grass more t flammability needles, brar	han 10 cm long or high plants, accumulated nches, logs	30				
		0		30						
				HAZARE	SCORE - Total for Zone 1	60				

#### ZONE 2

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS					
	Forest vegetation (trees)	Deciduous (leafy) -		oes) -	<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)		
16		(poplar, aspen, birch)	both deciduous coniferous (ever	both deciduous (leafy) and coniferous (evergreen)		Continuous	10
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		0
	or juniper)	0	5		10		
18	Surface vegetation	None	Scattered		ed Abundant		10
		0	5		10		
19	Low-lying tree branches	None	None		Present		10
		0			10		
	HAZARD SCORE - Total for Zone 2						



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS					
Assess hazard factors 16 - 19 above for Zone 3 and enter score at right						
	HAZARD SCORE – Total for Zone 3	0				

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS				
Home	Home and attachments (deck)	68		
Non-Combustible Zone 0 - 1.5 m from home				
Zone 1	1.5 m - 10 m from home	60		
Zone 2	10 m - 30 m from home	30		
Но	me and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:	188		
Zone 3 (if applicable)	30 - 100 m from home	0		
	TOTAL SCORE:	188		

#### HAZARD LEVEL

Low	Moderate	High	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

# 188

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)



### **RECOMMENDATIONS FOR HOMEOWNER**

Again, don't be disheartened if your score seems high. Many homes and properties can score fairly high. This is simply recommendations for the homeowner to have some ideas and effective ways mitigate the threat of a wildfire so that homeowners can learn to live with wildfire while protecting the home and property.

Some of the higher points acquired are due to those deficiencies that fall into Hazard Factor areas that are considered to be more of a threat because that area of the home can be more susceptible to wildfire embers and heat ignition.

The priority of this assessment is to identify key areas of the home and property that can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

KEY HAZARD ZONE DEFICIENCIES:

#### HAZARD FACTOR 3 (Vents and Openings)

Recommend: All vents and openings, such as dryer vent, heat vents, air vents, all have 3mm mesh coverings over them.

#### HAZARD FACTOR 4 (Eaves)

Recommend: Have eaves covered with soffits so no embers can get inside the roof. Make sure you repair any open cracks or missing pieces of siding materials.

### HAZARD FACTOR 5 (Siding Type)

Recommend: Vinyl can ignite quit easily if next to a heat source. It is recommended to have brick, smart board, or hardy plank type siding as those materials will have more of a resistance to a heat source.

HAZARD FACTOR 6 (Building Exterior Conditions)





HOME ADDRESS:

1290 A

DATE: 8/4/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS				SCORE
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor co unrated (wood shak	0	
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	0
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	0
			0		6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		6
		0		6		
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant ( <i>vinyl, wood</i> )		6
		0		6		
6	Building exterior	Building exterior No gaps, cracks or holes		Gaps, cracks or holes		6
			0		6	
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	ole vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical Parance	30
			0	30		
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	0
			0		30	



HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE		
9	Position on slope	Building is located on the bottom or lower portion of hill		Building is located on the mid to upper portion or crest of hill			0	
			0			6		
		Tempered	Multi-pane / Thermal		I	Single pane		
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lars More t 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	
		0	1	2		4	6	
	HAZARD SCORE - Total for HOME							48

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30	
		0	30		
		HAZARD SC	ORE - Total for Non-Combustible Zone	30	

#### ZONE 1

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	0	
		0	30		
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0	
		0	30		



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS				SCORE					
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	30
		0	30	)	30					
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more t flammability needles, brar	han 10 cm long or high plants, accumulated nches, logs	30				
		0		30						
				HAZARE	SCORE - Total for Zone 1	60				

#### ZONE 2

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS					
	Forest vegetation (trees)	Deciduous (leafy) –		Mixedwood (mix of tree types) –		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)	
16		(poplar, aspen, birch)	both deciduous coniferous (ever	both deciduous (leafy) and coniferous (evergreen)		Continuous	0
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		5
	or juniper)	0	5		10		
18	Surface vegetation	None	Scattered		ered Abundant		0
		0	5		10		•
19	Low-lying tree branches	None	None		Present		0
		0			10		
				HAZARD	) SCORE – Tota	l for Zone 2	5



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS			
Assess hazard factors 16 – 19 above for Zone 3 and enter score at right				
	HAZARD SCORE – Total for Zone 3	0		

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS			
Home	Home and attachments (deck)	48	
Non-Combustible Zone	0 - 1.5 m from home	30	
Zone 1	1.5 m - 10 m from home	60	
Zone 2	10 m - 30 m from home	5	
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:			
Zone 3 (if applicable)	30 - 100 m from home	0	
	TOTAL SCORE:	143	

#### HAZARD LEVEL

<b>Low</b>	Moderate	<b>High</b>	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

# 143

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)



### **RECOMMENDATIONS FOR HOMEOWNER**

Again, don't be disheartened if your score seems high. Many homes and properties can score fairly high. This is simply recommendations for the homeowner to have some ideas and effective ways mitigate the threat of a wildfire so that homeowners can learn to live with wildfire while protecting the home and property. Also remember that some of these deficiencies can be remedied over time, with small fixes, and not everything overnight.

Some of the higher points acquired are due to those deficiencies that fall into hazard factors that are considered to be more of a threat because that area of the home can be more susceptible to wildfire embers and heat ignition.

The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

#### HAZARD FACTOR 4 (Eaves)

Ideally should be boxed in with vents or closed in with soffit covering.

Recommendations: The eves should be covered by soffiting, so that no wind blown fire embers can enter into the roof area and ignite. Reference picture #4.

### HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

Recommendations: Siding is constructed with vinyl and is susceptible to radiant





HOME ADDRESS:

1291 Bute Crescent

For each Hazard Factor - select one point rating score and enter in score column on right.

#### HOME

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS				SCORE	
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated - poor condition or unrated (wood shakes)		
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter - no debris	Non-combustible gutter with debris	Combustible gutter with debris	
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	6
			0		6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		
		0		6		
5	Building exterior or siding	Non-combustible or is (fibre cement, stucco,	gnition resistant log, metal, brick/stone)	Combustible or non resistant (vinyl, woo	-ignition d)	6
		0		6		
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or holes		
	Condition		6			
7	7 Ground-to-siding clearance 15 cm non-combustible vertical ground-to-siding clearance		No 15 cm non-combustible vertical ground-to-siding clearance		30	
			0		30	
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30
			0		30	



HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS				SCORE				
9	Position on slope	Building is located on the bottom or lower portion of hill			Building is located on the mid to upper portion or crest of hill			
		0		6				
		Tempered	Multi-pane / Thermal		I	Single pane		
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
HAZARD SCORE - Total for HOME					74			

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS			
11	<ul> <li>1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions</li> <li>Non-combustible surface, no combudebris, materials, fences or plants plants or debris, materials, fences or plants plants or debris, materials, fences or plants plants plants or debris, materials, fences or plants p</li></ul>		ustible Combustible surface, combustible debris, present materials, fences or plants present		
		0	30		
HAZARD SCORE - Total for Non-Combustible Zone					

#### ZONE 1

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	
		0	30	



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS S				SCORE	
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	
		0	30	)	30	
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		
		0			30	
HAZARD SCORE - Total for Zone 1				0		

### ZONE 2

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS S				SCORE			
		Deciduous (leafy) –	Mixedwood (mix of tree types) -		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous coniferous (ever	(leafy) and green)	Separated	Continuous	10
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scatte	ered	Abund	dant	
or juniper)		0	5		10		
18	Surface vegetation	e vegetation None Scattered Abund		dant	10		
		0	5		10		
19	Low-lying tree branches	None		Present			10
0 10							
				HAZARE	SCORE – Tota	l for Zone 2	30



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS		
Assess hazard factors 16 – 19 above for Zone 3 and enter score at right			
	HAZARD SCORE – Total for Zone 3	35	

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS			
Home	Home and attachments (deck)	74	
Non-Combustible Zone	0 - 1.5 m from home	15	
Zone 1	1.5 m - 10 m from home	0	
Zone 2	10 m - 30 m from home	30	
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:			
Zone 3 (if applicable)	30 - 100 m from home	35	
	TOTAL SCORE:	154	

#### HAZARD LEVEL

<b>Low</b>	Moderate	<b>High</b>	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

# 154

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)





HOME ADDRESS:

1334 Bute Cr

DATE: 8/4/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS			SCORE					
1	Roof material	Fire-Rated – good condition F (metal, clay, asphalt shingles) U		Fire-Rated – poor condition or unrated (wood shakes)		Fire-Rated - good condition       Fire-Rated - poor condition         (metal, clay, asphalt shingles)       unrated (wood shakes)		0
			0		30			
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	0		
		0	6	10	16			
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	0		
			0		6			
4	Eaves	Closed or Boxed-in eaves		Open eaves		0		
		0		6				
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6		
		0		6				
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or hole	S			
		0		6				
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	ole vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical varance	30		
		0		30				
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30		
			0		30			



HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE	
9	Position on slope	Building is locate or lower portion	Building is located on the bottom Buil or lower portion of hill port		Buildin portior	Building is located on the mid to upper portion or crest of hill		0
		0				6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane		
10		Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
HAZARD SCORE - Total for HOME						68		

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30	
	extensions	0	30		
HAZARD SCORE – Total for Non-Combustible Zone					

#### ZONE 1

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30	
		0	30		
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	30	
		0	30		



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE		
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – Conit both deciduous (leafy) and coniferous (evergreen)		<b>Mixedwood</b> <b>mix of tree types)</b> – Noth deciduous (leafy) Ind coniferous (evergreen) <b>Coniferous (evergreen)</b> – (spruce, pine, fir, cedar)	
		0		)	30			
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		30		
		0		30				
HAZARD SCORE - Total for Zone 1					120			

#### ZONE 2

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS					SCORE	
		Deciduous (leafy) –		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	10	
		0	10	)	10	30		
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		5	
	or juniper)	O O		5		10		
18	Surface vegetation	None	Scattered		ed Abundant		10	
		0	5	1	10			
19	Low-lying tree branches	None		Present			10	
		0		10				
	HAZARD SCORE - Total for Zone 2							



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS					
Assess hazard factors 16 - 19 above for Zone 3 and enter score at right						
	HAZARD SCORE – Total for Zone 3	0				

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS					
Home	Home and attachments (deck)	68			
Non-Combustible Zone	0 - 1.5 m from home	30			
Zone 1	1.5 m - 10 m from home	120			
Zone 2	10 m - 30 m from home	35			
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:					
Zone 3 (if applicable)	30 - 100 m from home	0			
	TOTAL SCORE:	253			

#### HAZARD LEVEL

# 253

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)



### **RECOMMENDATIONS FOR HOMEOWNER**

Again, don't be disheartened if your score seems high. Many homes and properties can score fairly high. This is simply recommendations for the homeowner to have some ideas and effective ways mitigate the threat of a wildfire so that homeowners can learn to live with wildfire while protecting the home and property. Also remember that some of these deficiencies can be remedied over time, with small fixes, and not everything overnight.

Some of the higher points acquired are due to those deficiencies that fall into hazard factors that are considered to be more of a threat because that area of the home can be more susceptible to wildfire embers and heat ignition.

The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

#### HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

Recommendations: Siding is constructed of vinyl materials and is susceptible to radiant heat if something were ignite close to the structure.

HAZARD FACTOR 7 (Ground to Siding Clearance 15cm/6") Ideally 15cm/6inches of vertical space or clearance between the ground and the siding of the structure.





HOME ADDRESS:

1350 Bute Cres

DATE: 11/15/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS			SCORE			
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor condition or unrated (wood shakes)		0
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	0
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, not fire- rated or without 3 mm screening		0
			0		6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		0
		0		6		Ŭ
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant <i>(vinyl, wood)</i>		6
		0		6		-
6	Building exterior	No gaps, cracks or holes		Gaps, cracks or holes		6
	Condition	0		6		
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	le vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical varance	30
			0	30		
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	0
			0		30	



HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE	
9	Position on slope	Building is locate or lower portion	lilding is located on the bottom Buller portion of hill presented by the bottom bottom bottom by the bottom bottom by the bottom bottom bottom bottom bottom by the bottom		Building is located on the mid to upper portion or crest of hill			0
			0			6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane		
10		Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
HAZARD SCORE - Total for HOME						44		

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS			
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30	
		0	30		
HAZARD SCORE – Total for Non-Combustible Zone					

#### ZONE 1

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	0
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0
		0	30	



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE
Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	0
	0	30	)	30	
Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		30
	0		30		
			HAZARE	SCORE - Total for Zone 1	30
	ARD FACTOR Forest vegetation (trees) Surface vegetation and combustible materials	ARD FACTOR       CHARACTERISTICS AND PO         Forest vegetation (trees)       Deciduous (leafy) - (poplar, aspen, birch)         0       0         Surface vegetation and combustible materials       Grass less than 10 cm long or non-combustible surface, low flammability plants         0       0	ARD FACTOR       CHARACTERISTICS AND POINT RATINGS         Forest vegetation (trees)       Deciduous (leafy) - (poplar, aspen, birch)       Mixedwood (mix of tree type both deciduous and coniferous)         0       30         Surface vegetation and combustible materials       Grass less than 10 cm long or non-combustible surface, low flammability plants	ARD FACTOR       CHARACTERISTICS AND POINT RATINGS         Forest vegetation (trees)       Deciduous (leafy) - (poplar, aspen, birch)       Mixedwood (mix of tree types) - both deciduous (leafy) and coniferous (evergreen)         0       30         Surface vegetation and combustible materials       Grass less than 10 cm long or non-combustible surface, low flammability plants       Grass more t flammability needles, brar         0       0       HAZARE	ARD FACTOR       CHARACTERISTICS AND POINT RATINGS         Forest vegetation (trees)       Deciduous (leafy) - (poplar, aspen, birch)       Mixedwood (mix of tree types) - both deciduous (leafy) and coniferous (evergreen)       Coniferous (evergreen) - (spruce, pine, fir, cedar)         0       30       30         Surface vegetation and combustible materials       Grass less than 10 cm long or non-combustible surface, low flammability plants       Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs         0       30       30

#### ZONE 2

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS						
		Deciduous (leafy) – (		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	0	
		0	10	)	10	30		
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		0	
	or juniper)	0	5		10			
18	Surface vegetation	None	Scattered		Abundant		5	
		0	5		10		0	
19	Low-lying tree branches	None	None		Present		0	
		0			10			
	HAZARD SCORE - Total for Zone 2							



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS				
Assess hazard factors 16 - 19 above for Zone 3 and enter score at right					
	HAZARD SCORE – Total for Zone 3	0			

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS					
Home	Home and attachments (deck)	44			
Non-Combustible Zone	0 - 1.5 m from home	30			
Zone 1	1.5 m - 10 m from home	30			
Zone 2	10 m - 30 m from home	5			
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:					
Zone 3 (if applicable)	30 - 100 m from home	0			
	TOTAL SCORE:	109			

#### HAZARD LEVEL

Low Moderate	<b>High</b>	Extreme
< 21 points 21-29 points	30 - 35 points	> 35 points

# 109

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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### **RECOMMENDATIONS FOR HOMEOWNER**

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The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

#### HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

#### **Recommendations:**

When the opportunity comes to reside the home, it would be advisable to update the home with some more fire and heat resistant materials. Materials like hardy board, smart board, or brick. These materials will withstand higher temperatures of heat, as well as direct flames contact, or falling embers. Reference Pic # 3





HOME ADDRESS:

1368 Bute Crescent

For each Hazard Factor - select one point rating score and enter in score column on right.

#### HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor co unrated (wood shak	ondition or es)	
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	Combustible vents, not fire- rated or without 3 mm screening	
			0	6		
4	Eaves	Closed or Boxed-in eaves		Open eaves		
		0		6		
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6
		0		6		
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or holes		6
			0		6	-
7	Ground-to-siding clearance	15 cm non-combustib ground-to-siding clea	le vertical rance	No 15 cm non-combustible vertical ground-to-siding clearance		30
			0	30		
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30
			0		30	



HAZ	HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE	
9	Position on slope	Building is located on the bottom Buildi or lower portion of hill portice		Buildin portior	Building is located on the mid to upper portion or crest of hill			
		0				6		
	Window Glass	Tempered	Multi-pane	Multi-pane / Thermal		Single pane		
10		Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
	HAZARD SCORE - Total for HOME						80	

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	5
		0	30	
		HAZARD SC	ORE - Total for Non-Combustible Zone	5

#### ZONE 1

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	
	Boldennes	0	30	



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR CHARACTERISTICS AND POIN			INT RATINGS			SCORE
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	
		0	30		30	
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more than 10 cm long or high flammability plants, accumulated needles, branches, logs		
		0	0 30			
HAZARD SCORE - Total for Zone 1					30	
				HAZARD	SCORE - Total for Zone :	L

#### ZONE 2

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS					
	Forest vegetation (trees)	Deciduous (leafy) – (		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)	
16		(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	0
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scattered		Abundant		5
	or juniper)	0	5		10		
18	Surface vegetation	None	Scattered		Abundant		5
		0	5		10		
19	Low-lying tree branches	Low-lying tree branches			Present		0
		0			10		
	HAZARD SCORE - Total for Zone 2						



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS		
Assess hazard factors 16 - 19 above for Zone 3 and enter score at right			
	HAZARD SCORE – Total for Zone 3	0	

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS			
Home	Home and attachments (deck)	80	
Non-Combustible Zone	0 - 1.5 m from home	5	
Zone 1	1.5 m - 10 m from home	30	
Zone 2	10 m - 30 m from home	10	
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:			
Zone 3 (if applicable)	30 - 100 m from home	0	
	TOTAL SCORE:	125	

#### HAZARD LEVEL

<b>Low</b>	Moderate	<b>High</b>	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

# 125

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)





HOME ADDRESS:

1431 Aupe Cres

For each Hazard Factor - select one point rating score and enter in score column on right.

#### HOME

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS						SCORE
1	Roof material	Fire-Rated – good condition (metal, clay, asphalt shingles)		Fire-Rated – poor condition or unrated (wood shakes)		-
			0		30	
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter - no debris	Non-combustible gutter with debris	Combustible gutter with debris	10
		0	6	10	16	
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	
		0			6	
4	Eaves	Closed or Boxed-in eaves		Open eaves		
		0		6		
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant <i>(vinyl, wood)</i>		6
		0		6		
6	Building exterior	No gaps, cracks or holes		Gaps, cracks or holes		0
	Condition	0		6		
7	Ground-to-siding clearance	15 cm non-combustible vertical ground-to-siding clearance		No 15 cm non-combustible vertical ground-to-siding clearance		30
			0	30		
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30
			0		30	



HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS					SCORE			
9	Position on slope	Building is located on the bottom or lower portion of hill			Building is located on the mid to upper portion or crest of hill			
		0		6				
		Tempered	Multi-pane / Thermal		I	Single pane		
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lars More t 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2
		0	1	2		4	6	
HAZARD SCORE - Total for HOME					78			

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS				
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30		
		0	30			
HAZARD SCORE – Total for Non-Combustible Zone						

#### ZONE 1

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS	ICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	0	
		0	30		
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	30	
		0	30		



#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	HAZARD FACTOR         CHARACTERISTICS AND POINT RATINGS         S					SCORE	
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	30	
		0	30	)	30		
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more t flammability needles, brar	han 10 cm long or high plants, accumulated nches, logs	30	
		0			30		
				HAZARE	SCORE - Total for Zone 1	90	

#### ZONE 2

HAZARD FACTOR CHARACTERISTICS AND POINT RATINGS S					SCORE		
		Deciduous (leafy) – (		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous coniferous (ever	(leafy) and green)	Separated	Continuous	10
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scatte	ered	Abuna	Abundant	
or Juniper)	or joniper)	0	5		10	)	
18	Surface vegetation	None	Scatte	red Abundant		10	
		0	5	5 10		10	
19	Low-lying tree branches None				Present		10
		0			10		
				HAZARD	SCORE – Tota	l for Zone 2	35



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS		
Assess hazard factors 16 - 19 at	pove for Zone 3 and enter score at right	35	
	HAZARD SCORE – Total for Zone 3	35	

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS			
Home	Home and attachments (deck)	78	
Non-Combustible Zone	0 - 1.5 m from home	30	
Zone 1	1.5 m - 10 m from home	90	
Zone 2	10 m - 30 m from home	35	
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:			
Zone 3 (if applicable)	30 - 100 m from home	35	
	TOTAL SCORE:	268	

#### HAZARD LEVEL

<b>Low</b>	Moderate	<b>High</b>	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

# 268

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

\* Note - FireSmart<sup>™</sup> and associated Marks are trademarks of the Canadian Interagency Forest Fire Centre (CIFFC)
## FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1441 Aupe Cres

DATE: 11/15/22

LFR NAME: SHAWN HALL

HOMEOWNER NAME:

HOME

For each Hazard Factor - select one point rating score and enter in score column on right.

HAZ	ZARD FACTOR	CHARACTERISTIC	CHARACTERISTICS AND POINT RATING		<b>F</b> ire-Rated – poor condition or unrated (wood shakes)		
1	Roof material	al		ondition or es)	0		
			0		30		
2	Gutter type and roof cleanliness	Non-combustible gutter – no debris	Combustible gutter – no debris	Non-combustible gutter with debris	Combustible gutter with debris	0	
		0	6	10	16		
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	0	
		0			6		
4	Eaves	Closed or Boxed-in eaves Open eaves			0		
		0		6			
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6	
		0		6			
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or hole	S		
			0		6		
7	Ground-to-siding clearance	15 cm non-combustit ground-to-siding clea	ole vertical rance	No 15 cm non-combustible vertical ground-to-siding clearance 30		0	
			0				
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	30	
			0		30		



#### HOME

HAZ	ARD FACTOR	CHARACTERIST	ICS AND POINT I	RATINGS				SCORE	
9	Position on slope	Building is located on the bottom or lower portion of hill		Building is located on the mid to upper portion or crest of hill			0		
		0					6		
		Tempered	Tempered Multi-pane / Therma		I Single pane				
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	2	
		0	1	2		4	6		
	HAZARD SCORE - Total for HOME							38	

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30
		0	30	
		HAZARD SC	ORE - Total for Non-Combustible Zone	30

#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0
		0	30	



PAGE 3

#### ZONE 1

(1.5 - 10 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND PO	DINT RATINGS			SCORE		
14	Forest vegetation (trees)	<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		<b>Coniferous (evergreen)</b> - (spruce, pine, fir, cedar)	0
		0	30	)	30			
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants		Grass more t flammability needles, brar	s more than 10 cm long or high mability plants, accumulated les, branches, logs			
		0		30				
				HAZARE	SCORE - Total for Zone 1	30		

#### ZONE 2

(10 - 30 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND PO	DINT RATINGS				SCORE
		Deciduous (leafy) -		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)	
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous coniferous (ever	(leafy) and green)	Separated	Continuous	0
		0	10	)	10	30	
17	Flammable shrub spacing (coniferous - eg. cedar	None	Scatte	ered	Abundant		0
	or juniper)	0	5		10		
18	Surface vegetation	None	Scatte	ered	Abun	dant	10
		0	5	1	10	)	10
19	Low-lying tree branches				Present		10
		0			10		
				HAZARD	) SCORE – Tota	l for Zone 2	20



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	CHARACTERISTICS AND POINT RATINGS	SCORE
Assess hazard factors 16 - 19 at	pove for Zone 3 and enter score at right	
	HAZARD SCORE – Total for Zone 3	0

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSME	NT TOTALS	SCORE
Home	Home and attachments (deck)	38
Non-Combustible Zone	0 - 1.5 m from home	30
Zone 1	1.5 m - 10 m from home	30
Zone 2	10 m - 30 m from home	20
Но	me and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:	118
Zone 3 (if applicable)	30 - 100 m from home	0
	TOTAL SCORE:	118

#### HAZARD LEVEL

Low Moderate	<b>High</b>	Extreme
< 21 points 21-29 points	30 - 35 points	> 35 points

# 118

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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## **RECOMMENDATIONS FOR HOMEOWNER**

Don't be disheartened if your score seems high. Many homes and properties can score fairly high. This is simply recommendations for the homeowner to have some ideas and effective ways mitigate the threat of a wildfire so that homeowners can learn to live with wildfire while protecting the home and property. Also remember that some of these deficiencies can be remedied over time, with small fixes, and not everything overnight.

Some of the higher points acquired are due to those deficiencies that fall into hazard factors that are considered to be more of a threat because that area of the home can be more susceptible to wildfire embers and heat ignition.

The priority of this assessment is to identify key areas of the home and property which can be improved to mitigate the threats of heat or wildfire sparks/embers transferring to vegetation and materials that surround the structures on your property. It is an opportunity for the home owner to take ownership of what they can do to clean up the home and property, quite often with very little effort and cost. Over time, the home owner can be proud of the clean and wildfire resilient space they have created. Having done this, it will not only create a safer home and property for their family, but will also be contributing to a safer community collectively.

**KEY DEFICENCIES :** 

### HAZARD FACTOR 5 (Siding Type)

Ideally siding should be made of non combustible or ignition resistant Fiber cement, such as hardy plank, smart board, or stucco, stone/brick, heavy log, and metal.

#### **Recommendations:**

When the opportunity comes to reside the home, it would be advisable to update the home with some more fire and heat resistant materials. Materials like hardy board, smart board, or brick. These materials will withstand higher temperatures of heat, as well as direct flames contact, or falling embers.

### HAZARD FACTOR 8 (Balcony/Decks)

Ideally made with heavy timber, or non combustible fire rated construction

## FIRESMART<sup>™</sup> HOME IGNITION ZONE ASSESSMENT SCORE CARD





HOME ADDRESS:

1466 units 1 and 2 Aupe Cres

For each Hazard Factor - select one point rating score and enter in score column on right.

#### HOME

HAZ	ZARD FACTOR	CHARACTERISTIC	S AND POINT RATIN	IGS		SCORE		
1	Roof       Fire-Rated - good condition       Fire-Rated - poor condition or unrated (wood shakes)         material       Fire-Rated - poor condition or unrated (wood shakes)		Fire-Rated – good condition Fire-Rated – poor condition or (metal, clay, asphalt shingles) unrated (wood shakes)		Fire-Rated – good condition (metal, clay, asphalt shingles)		ondition or es)	30
			0		30			
2	Gutter type and roof cleanliness	Non-combustible gutter - no debris	Combustible gutter - no debris	Non-combustible gutter with debris	Combustible gutter with debris	6		
		0	6	10	16			
3	Vents and openings	Non-combustible, fire vents with 3 mm scre	e-rated vents or eening	Combustible vents, rated or without 3 r	not fire- nm screening	6		
		0			6			
4	Eaves	Closed or Boxed-in eaves		Open eaves				
		0		6				
5	Building exterior or siding	Non-combustible or ignition resistant (fibre cement, stucco, log, metal, brick/stone)		Combustible or non-ignition resistant (vinyl, wood)		6		
		0		6				
6	Building exterior	No gaps, cracks or ho	les	Gaps, cracks or holes		0		
			0		6			
7	Ground-to-siding clearance	15 cm non-combustit ground-to-siding clea	ole vertical rance	No 15 cm non-comb ground-to-siding cle	oustible vertical arance	30		
			0	30				
8	Balcony, deck, porch	N/A, no gaps or crack combustible or fire-ra non-combustible surf combustible debris ur	s, heavy timber, non- ated construction with ace and no nder deck	Gaps or cracks, no h or fire-rated constru combustible surface debris under deck	eavy timber uction with and combustible	0		
			0		30			



#### HOME

HAZ	ARD FACTOR	CHARACTERIST	ICS AND POINT F	RATINGS				SCORE
9	Position on slope	Building is located on the bottom or lower portion of hill		Building is located on the mid to upper portion or crest of hill				
		0				6		
		Tempered Multi-pane / Therma		Single pane				
10	Window Glass	Any Size	Small-Medium Less than 1 m x 1 m	Lar More 1 m x	ge than 1 m	Small-Medium Less than 1 m x 1 m	Large More than 1 m x 1 m	1
		0	1	2		4	6	
	HAZARD SCORE - Total for HOME							79

#### NON-COMBUSTIBLE ZONE

(0 - 1.5 metres from HOME)

HAZ	ARD FACTOR	CHARACTERISTICS AND POINT RATINGS		SCORE
11	1.5 m from the ground-level exterior footprint of the structure including any attachments or extensions	Non-combustible surface, no combustible debris, materials, fences or plants present	Combustible surface, combustible debris, materials, fences or plants present	30
		0	30	
		HAZARD SC	ORE - Total for Non-Combustible Zone	30

#### ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS		
12	Woodpiles and other combustible materials (eg. stored vehicles)	More than 10 m from home	Less than 10 m from home	30
		0	30	
13	Outbuildings not meeting FireSmart™ guidelines	More than 10 m from home	Less than 10 m from home	0
	Soldennes _	0	30	



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#### ZONE 1

(1.5 - 10 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS				SCORE
14 Forest vegetation (trees)		<b>Deciduous (leafy) –</b> (poplar, aspen, birch)	Mixedwood (mix of tree types) – both deciduous (leafy) and coniferous (evergreen)		od ee types) – duous (leafy) erous (evergreen)	
		0	30	)	30	
15	Surface vegetation and combustible materials	Grass less than 10 cm long or non-combustible surface, low flammability plants	-	Grass more t flammability needles, brar	han 10 cm long or high plants, accumulated nches, logs	30
		0		30		
				HAZARE	SCORE - Total for Zone 1	90

#### ZONE 2

(10 - 30 metres from HOME)

HAZARD FACTOR		CHARACTERISTICS AND POINT RATINGS					SCORE	
		Deciduous (leafy) -		Mixedwood (mix of tree types) -		<b>Coniferous (evergreen) -</b> (spruce, pine, fir, cedar)		
16	Forest vegetation (trees)	(poplar, aspen, birch)	both deciduous (leafy) and coniferous (evergreen)		Separated	Continuous	10	
		0	10	)	10	30		
17	Flammable None shrub spacing (coniferous - eg. cedar		Scatte	ered	Abundant		10	
	or juniper)	0	5		10			
18	Surface vegetation	None	Scatte	ered	Abund	dant	0	
		0	5		10	)	0	
19	Low-lying tree branches	None			Present		10	
		0		10				
HAZARD SCORE - Total for Zone 2						30		



#### ZONE 3

(30-100 metres from HOME) Complete where applicable

HAZARD FACTOR	AZARD FACTOR CHARACTERISTICS AND POINT RATINGS			
Assess hazard factors 16 – 19 above for Zone 3 and enter score at right				
	HAZARD SCORE – Total for Zone 3	30		

#### **TOTAL PROPERTY SCORE**

HOME IGNITION ZONE ASSESSMENT TOTALS				
Home	Home and attachments (deck)	79		
Non-Combustible Zone	0 - 1.5 m from home	30		
Zone 1	1.5 m - 10 m from home	90		
Zone 2	10 m - 30 m from home	30		
Home and Non-Combustible Zone, Zone 1 and Zone 2 - SCORE:				
Zone 3 (if applicable)     30 - 100 m from home				
TOTAL SCORE:				

#### HAZARD LEVEL

<b>Low</b>	Moderate	<b>High</b>	Extreme
< 21 points	21-29 points	30 - 35 points	> 35 points

259

TOTAL SCORE OF HOME, NON-COMBUSTIBLE ZONE, ZONE 1, ZONE 2 AND ZONE 3

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## APPENDIX II. FIRESMART ASSESSMENTS 2018





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# Homalco First Nation FireSmart Site Assessment Report 2018

Homalco First Nation Campbell River B.C. December 1, 2018

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## FIRESMART CANADA COMMUNITY RECOGNITION PROGRAM

## HOMALCO FIRST NATION COMMUNITY ASSESSMENT

## 1) Introduction

The FireSmart Canada Community Recognition Program is designed to provide an effective management approach for preserving wildland living aesthetics. The program can be tailored for adoption by any community and/or neighbourhood association that is committed to ensuring its citizens maximum protection from wildland fire. The following community assessment is intended as a resource to be used by the Homalco First Nation residents for creating a wildfire safety action plan. The plan developed from the information in this assessment should be implemented in a collaborative manner, and updated and modified as needed.

This community wildfire hazard assessment report was prepared by Margaret Symon RPF LFR PCP, in liaison with Thomas Doherty, Fire Chief, Campbell River Fire Rescue, and members of the Homalco First Nation.

## 2) Definition of the Home Ignition Zone

The Homalco First Nation is located in a wildland urban interface (WUI) environment. Wildfires will happen, exclusion is not a choice. The variables in a fire scenario are when the fire will occur, and where. This assessment addresses the wildfire-related characteristics of the Homalco First Nation. The assessment examines the area's exposure to wildfire as it relates to ignition potential. The assessment *does not focus on specific homes*, but examines the community as a whole. (Twenty individual home and property assessments were conducted for residents of the Homalco First Nation in 2018).

A house burns because of its interrelationship with everything in its surrounding home ignition zone, the house and its immediate surroundings. To avoid a home ignition, a homeowner must eliminate the wildfire's potential relationship with the home. This can be accomplished by interrupting the natural path of a fire. Changing a fire's path by clearing a home ignition zone is an easy to accomplish task that can result in avoiding home loss. To accomplish this, flammable items such as combustible vegetation must be removed from the area immediately around the structure to prevent flames from

contacting it. Reducing the fuel load of vegetation will affect the intensity of the wildfire as it enters the home ignition zone.

Included in this assessment are observations made while visiting Homalko First Nation. The assessment addresses the ease with which home ignitions can occur under severe wildfire conditions and how these ignitions might be avoided within the home ignition zones of affected residents. Homalco First Nation residents can reduce their risk of destruction during a wildfire by taking actions within their home ignition zones. This zone principally determines the potential for home ignitions during a wildland fire; it includes a house and its immediate surroundings within 100 metres. Given the extent of this zone, the home ignition zones of several homes sometimes overlap, and often spill over onto community land.

The result of the assessment is that wildfire behaviour will be dominated by the residential characteristics of this area. The good news is that by addressing community vulnerabilities, residents will be able to substantially reduce their exposure to loss. Relatively small investments of time and effort will reap great rewards in wildfire safety.

## 3) Description of the Severe Case Wildland Fire Characteristics that Could Threaten the Area

Fire intensity and spread rate depend on the fuel type and condition (live/dead), the weather conditions prior and during ignition, and the topography. Generally the following relationships hold between the fire behavior and the fuel, weather and topography.

- Fine fuels ignite more easily and spread faster with higher intensities than coarser fuels. For a given fuel, the more there is and the more continuous it is, the faster the fire spreads and the higher the intensities. Fine fuels take a shorter time to burn out than coarser fuels.
- The weather conditions affect the moisture content of the dead and live vegetative fuels. Dead fine fuel moisture content is highly dependent on the relative humidity and the degree of sun exposure. The lower the relative humidity and the greater the sun exposure, the lower will be the fuel moisture content. Lower fuel moistures produce higher spread rates and fire intensities.
- Wind speed significantly influences the rate of fire spread and fire intensity. The higher the wind speed, the greater the spread rate and intensity.
- Topography influences fire behavior principally by the steepness of the slope. However, the configuration of the terrain such as narrow draws, saddles and so forth can influence fire spread and intensity. In general, the steeper the slope, the higher the uphill fire spread and intensity.

The Homalco community is surrounded on several sides by forest fuel complexes, with interspersed "fuel islands" comprised of fragmented coniferous forest and grass/brush. During the late spring to early autumn, the area has experienced periods of "Danger Class 3," with higher ratings at the height of the summer months when extended warm, dry weather is not uncommon. If a fire started in forest and/or brushy fuels in the brush/forest surrounding the community, or in the fuel complexes (trees/grass) intermixed at the community, there is sufficient fuel continuity to enable the fire to spread rapidly to all homes and the single main access route to the community.

## 4) About the Homalco First Nation

Traditionally known as the "people of fast running waters," the Homalco are named after the turbulent waters surrounding the ancestral home in Bute Inlet, BC. Homalco people lived up and down Bute Inlet, holding residence in various areas of the inlet during all seasons as they hunted, fished, and picked berries. From the early 1900's to the early 1980's, the Homalco moved to the "Church-House" area, which was sheltered from the north and south winds, and provided good access to nearby fishing grounds.

In the 1930's, when Catholic missionaries moved into the Church-House area, Homalco children were forced into residential schools, and the traditional beliefs and ways of life began to erode.

By the early 1980's, the Church-House area was deserted. The Homalco people had moved to Campbell River, Cortez, and other areas where there would be enough resources to survive the modern world.

Nowadays, the Homalco First Nation is based just south of Campbell River. The Homalco people have not lost their culture completely, and, out of respect for the Elders, are working hard to show their youth their traditional ways of life. <u>www.homalco.com</u>

## 5) Site Description

The Homalco First Nation is located on a level plain off the east side of the inland island highway, south of Campbell River.

The Homalco First Nation contains 76 households and two community buildings. The community is accessed from Jubilee Parkway by Southgate Drive (currently this is the only drivable access in and out of the community). Community buildings and the majority of homes are located on Bute Crescent. A small number of homes are located on Aupe Crescent, a cul-de-sac off Bute Crescent.



Figures 1 & 2. Left: Community hall on Bute Cres. Right: Most of the homes at the Homalko First Nation are located on Bute Crescent.

## 6) Assessment Process

The hazard assessment process typically requires the Local FireSmart Representative/ FireSmart Forestry Consultant to spend up to one to two days in the data-gathering phase. Community size, complexity, and travel time all contribute to the time requirement. Data gathering is divided into several stages:

Site Visit – Stage One: The purpose of the first segment is a general introduction, where the LFR and/or FireSmart Consultant meet with the local staff and interested homeowners to discuss the hazard assessment process.

Site Visit – Stage Two: A data-gathering session identifies common vulnerabilities related to the community's ignition potential. It is important at this time to also identify things that residents are doing RIGHT with respect to wildfire mitigation. The assessor takes photographs to provide a photographic record.

Site Visit – Stage Three: Information gathered during the site visit and hazard assessment is assessed and combined by the FireSmart assessor into the FireSmart Community Assessment Report, which provides an overall picture of the community's homes in relation to the surrounding vegetation. This report will provide community residents with an easy-to-understand document that familiarizes them with the way in which ignitions are likely to occur during a wildfire. The report explains and illustrates common strengths and vulnerabilities with respect to wildfire risk.

One of the goals of a successfully prepared Community Assessment Report is to inform the community that their neighbourhood can become a firebreak – that ignition potential can be decreased and the survival of homes more probable – provided homeowners and the community follow FireSmart strategies for fuel reduction and wildfire prevention.

## 7) Observations and Issues

Assessment began by making observations on the roofing types and roof cleanliness, and then worked down the buildings exteriors to rate the siding, windows, decks, potential ember accumulator "traps" around the buildings and location of nearby combustible materials around the structures.

The type of vegetation, topography, infrastructure, fire suppression capability and the fire ignition potential surrounding the community were rated. Listed below are top three issues for the community to review. It is possible that some areas of concern were not seen by the assessors.

- 1. Roofing materials throughout the community were generally constructed from Class A materials such as asphalt. While the roofing material was generally in good condition, we encountered many homes with faulty and/or dirty gutters, which can result in moisture seeping inside the home.
  - 1- Fix broken gutters

2- Remove combustible debris such as dried twigs, needles and leaf materials that have accumulated over the winter on <u>any</u> roof service, including gutters.



Figure 3. Roofs are generally made from asphalt. Many homes had faulty gutters (as shown above).

2. Building exterior rating for the entire community rated poor to average. Areas in need of improvement include:

1 - Remove combustible materials on/below wood decks, including firewood

2- Ensure accesses to decks and back doors are not blocked by brush, objects, and debris

3 -Clear up and remove combustibles (mattresses, wood, garbage, fuel cans, etc.) within the 1.5 zone around homes

4 - Ensure vents are "closed in" with 12 mm sheathing to prevent potential entry of embers/fire brands.



Figures 4,5 Open Wood Deck s can be Ember Traps. Ensure access to decks is not blocked (blackberry bush at right blocks access to deck).



Figures 6 Combustibles within Zone 1a (within 1.5 m of the home) increase the fire hazard.

- 3 Vegetation within the community's interface priority zones needs to be treated (regularly reduced) to ensure the survival of the building during wildfires.
  - - Home owners need to ensure there is a protective zone by thinning out volatile coniferous fuels
  - Remove surface fuels accumulations
  - Remove ladder fuels within Zone 1a and Priority Zone 1



Figures 7,8,9 Forest edges within 10 m of homes need to be regularly trimmed.

## 8) Recommendations and Considerations

The FireSmart Canada Community Recognition Program seeks to create a sustainable balance that will allow communities to live safely while maintaining environmental harmony in a wildland urban interface (WUI) setting. Homeowners already balance their decisions about fire protection measures against their desire for certain flammable components on their properties. It is important for them to understand the implications of the choices they are making. These choices directly relate to the ignitability of their home ignition zones during a wildfire.

A homeowner/community must focus attention on the home and surrounding areas and eliminate the fire's potential relationship with the house. This can be accomplished by disconnecting the house from high and/or low intensity fire that could occur around it, and by being conscious of the devastating effects of wind-driven embers.

The following section of this report provides recommendations for consideration of the Homalco First Nation FireSmart Board concerning wildfire safety issues that were identified as priorities in the community during the site assessment.

- Remove combustibles surrounding homes (within the 1.5 m zone and out to 10m around the home). In the event of a fire, combustibles surrounding the home will impede fire fighter access, and will also help feed a fire. Remove hazardous fuels within home priority zones Removed dead and down woody debris, prune and thin coniferous trees. Remove broom along road rights-of-way.
- Fix / clean leaky / faulty gutters and loose roofing material. Dirty gutters filled with vegetation impede water flow, increasing potential for leaks. Loose gutters and loose roofing material offer places for embers to land.
- Do not block access to decks. Remove brush, combustibles from decks to ensure emergency access is not impeded.
- 4. Work in conjunction with the Fire Department to ensure all homes are equipped with working smoke alarms.
- 5. Work in conjunction with the Fire Department to ensure all homes and community buildings have clearly visible address signage, especially at night
- 6. Stack firewood or wooden building materials a minimum of 10 metres away from any structure.

## 9) Successful FireSmart Modifications

When adequately prepared, a house can likely withstand a wildfire without the intervention of the fire service. Further, a house and its surrounding community can be both FireSmart and compatible with the area's ecosystem. The FireSmart Communities Program is designed to enable communities to achieve a high level of protection against WUI fire loss even as a sustainable ecosystem balance is maintained.

The Homalco First Nation residents are reminded to be conscious of keeping highintensity fire more than 30 metres from their homes. It is important for them to avoid fire contact with their structures. This includes firebrands. Wildfire cannot be eliminated from a property, but it can be reduced in intensity.

Weather is of great concern during wildfire season. At such time as fire weather is severe, homeowners should remember not to leave flammable items outside. This includes rattan doormats, flammable patio furniture, firewood stacked next to the house, or other flammables.

During the FireSmart assessments at Homalco First Nation it was encouraging to see that:

- The main community building has a clear Zone 1a (see photo below)
- some homeowners had removed combustibles in Zone 1a
- majority of homes have address signage (although no fluorescent signage)
- some residents regularly clean their gutters

• most residents who participated in the assessments were interested to hear about FireSmart recommendations



Figures 8, 9. Left: Community building has clear Zone 1a; Right: Most homes had address signage, although in many cases, the signage would not be clearly visible at night.

## 10) Next Steps

After reviewing the contents of this assessment and its recommendations, the Homalco First Nation FireSmart Board in consultation with its advisors will determine whether or not it wishes to continue seeking FireSmart Community recognition status. The Local FireSmart Representative will contact the FireSmart Board representative by **December** 2018 to receive its decision.

If the site assessment report and recommendations are accepted and recognition will be sought, the Homalco First Nation FireSmart Board will create an agreed-upon, areaspecific solution to the FireSmart Community Assessment Report recommendations and prepare a FireSmart Community Action Plan in cooperation with the Local FireSmart Representative Margaret Symon RPF and Campbell River Fire Rescue.

Assuming that Homalco First Nation seeks to achieve national recognition as a FireSmart Community; it will integrate the following standards into its FireSmart Community Plan:

- Sponsor a local FireSmart Board that maintains the FireSmart Community program and recognition status.
- Continue to work with the Local FireSmart Representative or enlist the assistance of a WUI specialist to complete a FireSmart Community Plan which it identifies agreed-upon, achievable local solutions.
- Invest a minimum of \$2.00 annually per capita in its FireSmart Events and activities. (Work done by municipal employees or volunteers, using municipal or other equipment, can be included, as can provincial/territorial/federal grants dedicated to that purpose.)

- Hold a FireSmart Event, such as FireSmart Day, each year that is dedicated to a local FireSmart project.
- Submit an application form, or annual renewal application form, with supporting information to FireSmart Canada. This application or renewal process documents continuing participation in the FireSmart Communities Program with respect to the above criteria.

## 11) Signature of Local FireSmart Representative

*Margaret Symon* Margaret Symon RPF PCP LFR Strathcona Forestry Consulting

September 24, 2018 Presented to the Homalco First Nation This page left intentionally blank

Appendix 1 (Community Wildfire Assessment)

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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: Homalco First Nation		Date: September 24 2018	
Assessor Name: M Symon RPF LRF,		Accompanying Community Member(s): Melissa Hackett	
Thomas Doherty, Fire Chief, Campbell Riv	er Fire l	Rescue	
Hazard Factor	Ref	Mitigation Comments	
1. Roof Assemblies	1		
<ul> <li>a. Type of roofs</li> <li>ULC rated (metal, tile, asphalt, rated wood shakes) unrated (unrated wood shakes)</li> </ul>	2-5 3-21	<b>90%</b> of roofs appear to be rated Class A. As older roofs will require repair in the future it is recommended to owners to replace with a Class A rated roof.	
b. Roof cleanliness and condition	2-6	55% of roofs have debris accumulated on them	
* 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		of older roofs had curled or damaged shingles	
2. Building Exteriors			
2.1 Materials			
a. Siding, deck and eaves	2-7 2-8 2-9	<b>100%</b> of homes with combustible siding (vinyl at upper area; wood at lower area) and decks (wooden)	
<ul> <li>b. Window and door glazing (single pane, sealed double pane)</li> </ul>	2-10	0% of homes with single pane windows Windows are thermoproof	
<ul> <li>c. Ember Accumulator Features (scarce to abundant)</li> <li>* Structural features such as open eaves, gutters,</li> </ul>		85% of homes have unsheathed crawl spaces and under deck areas	
unscreened soffits and vents, roof valleys and unsheathed crawlspaces and under-deck areas			

d. Nearby Combustibles – firewood, 2-11		75% of homes with firewood/wood stored under decks, on decks, wood fences/combustible hedges "attached" /close
fences, outbuildings		to structures.

Hazard Factor	Ref	Mitigation Comments
3. Vegetation		
3.1 PZ-1: Vegetation - 0 - 10m from struc	ture	
a. Over story forest vegetation	2-14	65% of homes treated and/or NA, 20% require treatment, 15% untreated
(treated vs. untreated)		
b. Ladder fuels	2-17	65% of homes treated, 20% require treatment, 15% untreated
(treated vs. untreated)		
c. Surface fuels - includes landscaping	2 16	40% of homes treated 40% require treatment 20% untreated
mulches and flammable plants	2-10	40 / 0 of nomes freated, 40 / 0 require freatment, 20 / 0 uniteated
(treated vs. untreated)		
3.2 PZ-2: Vegetation - 10 - 30m from stru	ctures	
a. Forest vegetation (over story)	2-14	25% treated, 75% untreated and/or NA (not within 30 m of forest vegetation)
treated vs. untreated		
b. Ladder fuels	2-17	25% treated, 75% untreated
treated vs. untreated		
c Surface fuels	2.16	25% treated 75% untroated
treated vs	2-10	25 /o treated, 75 /o unit cated
untreated		
3.3 <b>PZ-3:</b> Vegetation - 30 - 100m from str	uctures	Provide mitigation comments on the prevailing PZ3 fuel type

a. Light fuel - deciduous – grass, shrubs	2-16	20% treated, 80% untreated

Hazard Factor	Ref	Mitigation Comments		
b. Moderate fuel - mixed wood – light to moderate surface and ladder fuels, shrubs	2-17	Conifers/Deciduous mix - 65/25		
c. Heavy fuel - coniferous - moderate to heavy surface and ladder fuels, shrubs	2-14	Pockets of "heavier" fuel are primarily located around the community perimeter.		
d. Logging slash, dead/down fuel accumulations	2-16	Old logging slash (> 10 yrs) scattered around perimeter		
e. Diseased forest – without foliage vs. with foliage		n/a		
f. Fuel islands <u>within</u> community - treated vs. untreated		Mixed wood fragmented stands interspersed in community		
4. Topography				
4.1 Slope (within 100m of structures)				
a. Slope - Flat or < 10 %, 10 – 30% or >30%	2-19	Flat		
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	2-12	As noted above, flat.
	bottom of slope – valley bottom.		
b.	Buildings located mid-slope		
с.	Setback from top of slope <10m, or		
	upper slope		

Hazard Factor		Mitigation Comments						
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	Southgate Road provided single access-in; access-out.						
		ERP lists emergency access as (non-drivable) Homathco Rd.						
5.2 Roads- width, grade, curves, bridges a	nd turn	arounds						
a. To FireSmart Recommended	3-30	Roads to FireSmart recommended standards.						
Guideline?								
5.4 Fire Service Access / Driveways - Grade, Width/Length, Turnarounds								
a. To FireSmart Recommended	3-30	Flat, hard-surfaced, wide turnarounds						
Guideline?								
5.5 Street Signs / House Numbers								
a. To FireSmart Recommended	3-30	Street signs not to FireSmart recommended guidelines. One of the homes assessed had no address						
Guideline?		signage.						
6. Fire Suppression - Water Supply, Fire Service, Homeowner Capability								
6.1 Water Supply								
a. Fire Service water supply – hydrants,	3-32	8 hydrants, maintained by contractor.						
static source, tender or no water		Homalco FN does not have fire fighting equipment						
supply								
6.2 Fire Service								

a. Fire Service < 10 minutes or > 10 minutes, no fire service	2-25	CRFR. Response time < 10 minutes.				
6.3 Homeowners Suppression Equipment						
a. Shovel, grubbing tool, water supply, 3-28		Estimated that 30% of community has some type of fire suppression equipment.				
sprinklers, roof-top access ladder						

Hazard Factor	Ref	Mitigation Comments					
7. Fire Ignition and Prevention – Utilities, Chimneys, Burn Barrel / Fire Pit, Ignition Potential							
7.1 Utilities							
a. To FireSmart Recommended	reSmart Recommended 2-24 < 25% of the homes meet FireSmart recommended guidelines						
Guideline?							
7.2 Chimneys, Burn Barrel / Fire Pit							
a. To FireSmart Recommended		<25% of homes meet FireSmart recommended guidelines					
Guideline?							
7.3 Ignition Potential Provide mitigation	comme	ents on items a – d as applicable					
a. Topographic features adversely	2-21	Homalco FN located on flat area, surrounded by forest perimeter. Main artery roads run along outside of					
affect fire behaviour		reserve. If a fire started on the highway or Jubilee (i.e., dropped cigarette) during dry, warm weather,					
b. Elevated probability of human or		windy conditions could spread the fire through the woods surrounding the Homalko First Nation. Fanned					
natural ignitions		by strong winds, embers would spread rapidly through the community. There are many places for embers					
c. Periodic exposure to extreme fire		b and c are applicable					
weather or winds							
d. Other							

#### General Comments and FireSmart Recommendations:

- 1. FireSmart Champion Orientation Training
- 2. Form a FireSmart Board
- 3. FireSmart and Wildland Fire Education:
  - ensure all homes have address signage prominently displayed
  - ensure access is not blocked to decks and entranceways
  - clean up and remove combustibles (in Zone 1a 1.5 m around homes out to and including Zone 1 10 m from homes).
- 4. Work with Campbell River Fire Rescue to ensure every home is equipped with working smoke alarms
- 5. Work with Land Forest People Consulting Ltd to develop and implement a Community ERP
- 6. Organize and Perform Community Clean-up and Chipper Day FireSmart Event 2019
- 7. Apply for the FireSmart Community Recognition program

11	Home &	<b>Property Assess</b>	ment								
Address: 1201 Homathko Cres., Homalko Name: Dawn/Harry Ph: Email:											
Date: Sept 24 2018	Assessors: Margaret Sym	ion RPC LFR									
Dawn, Harry accompanied me on assessment											
Feature	ture Zone 1										
Structure Location SF Home on Homathko.											
HOME/1.5 metres		Actual Score									
	FireSmart zone immediately aro	und structure	0								
	Combustibles, long grass, fuel co	ontainers, etc.	30	10							
	Front – low amount of comb										
HOME/10 metres	FireSmart Zone 10 m Around Str	ructure	0								
	Combustible Vegetation and/or	other Fuel	30	10							
	A/A; low combustibles in fro	1									
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0							
	Unrated wood shakes		30								
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window	0								
	Scattering of needles and leaves		2								
	Clogged gutters & extensive		3	N/A							
	Gu	itters being installed									
Home Exterior	Non-combustible material, stucco, metal siding or brick		0								
	Logs or heavy timbers		1								
	Wood, vinyl siding, wood shakes	vinyl	6	6							
		· · · · ·									
Windows and doors	Tempered glass in all doors/windows		0								
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1							
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2								
	Single-pane glass – small/medium (< than 1m x 1m)		2								
	Single-pane glass – large (greater than 1 m x 1 m)		4								
	Combustibles visible inside windo	ws									
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh	In process of fixing	0	N/A							
	Closed eaves, vents without mesh		1								
	Open eaves, vents not screened		6								
	Check that crawl spaces are cl	ean									
Chimney	If chimney present, spark arrestor	No									
Balcony, deck, porch, or open foundation	Sheathed, with fire-resistant materials		0								
	Sheathed w combustible materials		2								
	Not sheathed		6	6							
	Combustibles above and below de										
---	---	------------------------------------	-------------------	----							
Position wrt slope	Building located on bottom or lower portion of hill		0	0							
	Building located on mid - upper portion of a hill or crest of hill		6								
	flat										
			HOME SCORE	33							
YARD/ within 10 m o	of home										
Outbuildings	More than 10 m from home		0								
	Less than 10 m from home	Storage shed	6	6							
			-								
Woodpile	More than 10 m from any building		0								
	Less than 10 m from any building		6								
	No. woodpile	2									
Forest type within	Deciduous	-	0								
10 m of home											
	Mixed wood	>10 m	30								
	Coniferous		30								
	Lawn mowed. Woo	od fence.									
Surface vegetation, combustible materials within 10 m of home and outbuildings	Well-drained lawn or non- combustible landscaping material	Grass is cut	0	0							
	Uncut grass or shrubs		30								
	Twigs, branches and tree needles on the ground		30								
Ember	Wood, various		30	5							
Accumulator	combustibles.										
Feature(s)	Clean yard, surroundings		0								
	Combustibles esp in back.										
		YARD within 10	0 m of home SCORE	11							
YARD/ 10-30 m from	n home										
Type of Forest Surrounding Home	Deciduous Mixed Wood		0 10								
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous	Conifer, sep to	10 30								
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant	continuous, Beyond back vard	5 30	30							
	oncut grass of sillans	/	10								
Shruhs and low	None within 10,20 m		0								
branches (within 2 m	None within 10-30 m		0								
of ground) in surrounding forest	Scattered within 10-30 m of buildings		5								
	Abundant within 10-30 m of		10								
		YARD (10	)-30M) SCORE	30							

SITE				
Zone 1 (and 0 to 1.5 m)/ Home		Home		43
Yard		10 m from ho	ome	28
Zone 2 / Yard (10-30 m)		10-30 m from l	home	30
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35 Home and Property Assessment: Home: High; Surrounding Yard Area: <b>High</b>				
Other Features				
Driveway Access	Paved drivew	vay		
Signposting	Not fluroscer	nt	Consider fluores	scent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.		
Emergency Response Plan	Did not dete	rmine	Develop ERP in o Homalko	conjunction with
Smoke Alarms	??		Smoke alarms sl floors, and regu	hould be installed all larly tested
Other				

Comments: Front of home is relatively clear of combustibles; more work needed to keep rear of home clear.

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

#### 1201 Homathko



Address signage visible during day, but would be difficult to see at night.

11	Home &	<b>Property Assess</b>	ment		
Address: 1205 Bute	e Cres., Homalko Name: C	heryl Wilson/Ca	rmichael Ph: Email:		
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR			
Warren accompanie	ed me on assessment				
Feature		Zor	ne 1		
Structure Location	SF Home on Bute Cresce	nt.			
HOME/1.5 metres				Actual Score	
	FireSmart zone immediately around structure 0				
	Combustibles, long grass, fuel containers, etc. 30 30				
	High amount of combustibles	s, blackberry bushes			
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0		
	Combustible Vegetation and/or	other Fuel	30	30	
	A/A; high amount of combus	tibles, blackberry bu	shes		
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0	
	Unrated wood shakes		30		
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window	0		
	Scattering of needles and leaves		2		
	Clogged gutters & extensive leaves		3	3	
	Warren said gutters are always f are a continual problem. Water fl inside	I illing up. His family clea lows from gutters inside house, is causing moule	ans the gutters, but gutters e upper porch steps, comes d		
Home Exterior	Non-combustible material, stucco, metal siding or brick		0		
	Logs or heavy timbers		1		
	Wood, vinyl siding, wood shakes	vinyl	6	6	
	Crac	ks in vinyl siding			
Windows and doors	Tempered glass in all doors/windows		0		
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1	
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2		
	Single-pane glass – small/medium (< than 1m x 1m)		2		
	Single-pane glass – large (greater than 1 m x 1 m)		4		
	Combustibles visible inside window	ws	•		
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh	Appear clean	0	0	
	Closed eaves, vents without mesh		1		
	Open eaves, vents not screened		6		
	Check that crawl spaces are cle	ean			
Chimney	If chimney present, spark arrestor	No			
Balcony, deck, porch, or open foundation	Sheathed, with fire-resistant materials		0		
· · · · · · · · · · · · · · · · · · ·	Sheathed w combustible materials		2		

	Not sheathed		6	6
	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	76
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	
	Less than 10 m from home	playhouse	6	6
	Firepit < 10 m from hom back yard	e, cardboard, in		
Woodpile	More than 10 m from any building		0	
	Less than 10 m from any building		6	
	No woodnile			
Forest type within 10 m of home	Deciduous		0	
	Mixed wood		30	30
	Coniferous		30	
	Lawn mowed. Wood fence	Recommend		
	pruning trees in forest outs	ide back yard		
Surface vegetation, combustible materials within 10 m of home and outbuildings	Well-drained lawn or non- combustible landscaping material		0	0
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
		1		
Ember	Wood, various		30	25
Accumulator	combustibles.			
Feature(s)			0	
	Compustibles surround nome.			
		YARD within 10	0 m of home SCORE	61
YARD/ 10-30 m from	1 home		0	
Surrounding Home	Mixed Wood		10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous	Conifer, sep to	10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs	continuous, Beyond back yard	5 30 10	30
Chrubs and low	Nono within 10, 20 m			
Shrubs and low branches (within 2 m of ground) in surrounding forest	Scattered within 10-30 m Scattered within 10-30 m of buildings Abundant within 10-30 m of		5	

	buildings		10	
		YARD (10-30M) SCORE		20
SITE				
Zone 1 (and 0 to 1.5 m)/ Home		Home		76
Yard		10 m from home		61
Zone 2 / Yard (10-30 m)		10-30 m from home		30

Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35

Home and Property Assessment: Home: Moderate; Surrounding Yard Area: Extreme

Other Features		
Driveway Access	Paved driveway	
Signposting	Not fluroscent	Consider fluorescent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faucet. Hose.	
Emergency Response Plan	Did not determine	Develop ERP in conjunction with Homalko
Smoke Alarms	??	Smoke alarms should be installed all floors, and regularly tested
Other		

Comments: Back exit from upper floor blocked – back deck, steps in disrepair, overgrown with blackberry.

- Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

#### 1205 Bute Crescent

Many combustibles around home; back deck is blocked by blackberry. Forest edge at rear of yard.



10 Address: 1211 But	Home &	Property Assess	sment				
Date: Sent 24 2018	Assessors: Margaret Sym	on RPC   FR					
Warren accompanied me on assessment							
Feature		70	ne 1				
Structure Location	SF Home on Bute Cresce	nt.					
HOME/1.5 metres		Actual Score					
	FireSmart zone immediately around structure     0						
	Combustibles, long grass, fuel co	5					
	1 mattress. Boat with empty	gerry cans					
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0				
	Combustible Vegetation and/or	other Fuel	30	5			
	A/A; low amount of combust	tibles					
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0			
	Unrated wood shakes		30				
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window	0				
	Scattering of needles and leaves		2				
	Clogged gutters & extensive		3	3			
	Warren said gutters are always f	illing up. His family cle	ans the gutters, but gutters				
	are a continual problem. Water f inside	lows from gutters insid house. is causing moul	le upper porch steps, comes Id				
Home Exterior	Non-combustible material,		0				
	stucco, metal siding or brick		-				
	Logs or neavy timbers		1				
	Wood, vinyl siding, wood shakes vinyl		6	6			
	Siding o	on E side in disre	pair				
Windows and doors	Tempered glass in all doors/windows		0				
	Double-pane glass –		1	1			
	small/medium (smaller than 1 m x 1 m)						
	Single-pane glass –		2				
	small/medium (smaller than 1						
	m x 1 m) Single-pane glass –		2				
	small/medium (< than 1m x 1m)		2				
	Single-pane glass – large		4				
	Combustibles visible inside windo	ws					
Faves and Vents	Closed eaves, vents screened	Annear clean	0	0			
	with 3 mm wire mesh	Appear cican	Ű	0			
	Closed eaves, vents without mesh		1				
	Open eaves, vents not screened		6				
	Check that crawl spaces are cl	ean	-				
Chimney	If chimney present, spark	No					
	arrestor	1					
Balcony, deck. porch.	Sheathed, with fire-resistant		0				
or open foundation	materials		Ŭ				
	Sheathed w combustible materials		2				

	Not sheathed		6	6
	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	26
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	
	Less than 10 m from home	playhouse	6	6
	Firepit < 10 m from hom back yard	e, cardboard, in I		
Woodpile	More than 10 m from any building		0	
	Less than 10 m from any building		6	
	No. woodpile			
Forest type within 10 m of home	Deciduous		0	
	Mixed wood		30	30
	Coniferous		30	
	Lawn mowed. Wood fence.			
Curface vegetation	Well drained laws or pen	aue back yaru		
combustible materials within 10 m of home and outbuildings	combustible landscaping material		U	U
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
		1		
Ember	Wood, various		30	25
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Combustibles surround home.			
		YARD within 10	0 m of home SCORE	61
YARD/ 10-30 m from	n home		-	
Type of Forest Surrounding Home	Deciduous Mixed Wood		0 10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous	Conifer, sep to	10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs	continuous, Beyond back yard	5 30 10	20
Shrubs and low branches (within 2 m of ground) in surrounding forest	None within 10-30 m Scattered within 10-30 m of buildings Abundant within 10-30 m of		0	

buildings				10		
		YARD (1	0-30M) S	SCORE	20	
SITE						
Zone 1 (and 0 to 1.5 m)/ Home			Home		26	
Yard		10 m	from ho	me	61	
Zone 2 / Yard (10-30 m)		10-30 r	n from h	iome	20	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35						
Home and Property Assessment: H	lome: Mode	rate; Surroundir	ng Yard A	vrea: <b>Extreme</b>		
Other Features						
Driveway Access	Paved drivew	/ay				
Signposting	Not fluroscer	nt		Consider fluores	cent address sign	
Fire Fighting Equipment: hose, shovel, ladder	Outdoor fauc	cet. Hose.				

Other

Did not determine

Comments: Back gutters need to be repaired to stop water coming inside house.

??

Here are Three Easy To Achieve FireSmart Action Items:

1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear

Develop ERP in conjunction with

floors, and regularly tested

Smoke alarms should be installed all

Homalko

- Make sure exits are cleared
- Keep grass mowed

Emergency Response Plan

Smoke Alarms

- Regularly clean gutters
- Keep areas on and beneath stairs and decks clear of combustibles and debris
- Fix gutters so that water does not seep into house from above back deck
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.





Gutter above back deck needs to be fixed; water is leaking into house, resulting in mould



Moderate amount of combustibles around home. Fire pit located away from structure.

7 Address: 1228 Bute Date: Sept 24 2018	Home & F e Cres., Homalko Name: J Assessors: Margaret Sym	Property Assessm udy Andrew Ph: on RPC LFR. Meli	<b>ient</b> Email: issa Hackett		
Judy accompanied us on assessment					
Feature	Zone 1				
Structure Location	Well-maintained home a	nd property on B	Bute Crescent.		
HOME/1.5 metres				Actual Score	
	FireSmart zone immediately aro	und structure	0		
	Combustibles, long grass, fuel co	ontainers, etc.	30	5	
	Well organized equipment in	open garage			
HOME/10 metres	FireSmart Zone 10 m Around Str	ructure	0		
	Combustible Vegetation and/or	other Fuel	30	5	
	A/A; low amount of combust	tibles			
Roofing Material	Wetal, clay tile, <u>asphalt sningle</u> or	ULC-rated snakes	0	0	
	No peodles losves or other	Como moss	30		
Roof Cleanliness	combustible material	window exterior frames	0		
	Scattering of needles and leaves		2	2	
	Clogged gutters & extensive leaves		3		
Home Exterior	Non-combustible material, stucco, metal siding or brick		0		
	Logs or heavy timbers		1		
	Wood, vinyl siding, wood shakes	vinyl	6	6	
	Siding could be	pressure-washed	next spring		
Windows and doors	Tempered glass in all doors/windows		0		
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1	
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2		
	Single-pane glass – small/medium (< than 1m x 1m)		2		
	Single-pane glass – large (greater than 1 m x 1 m)		4		
	Combustibles visible inside windo	ws			
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh	1 vent at back is clear	0		
	Closed eaves, vents without mesh		1		
	Open eaves, vents not screened		6	3	
	Check that crawl spaces are cl	ean; fix gap in roof w	here birds have nested		
Chimney	If chimney present, spark arrestor	No			
			1		
Balcony, deck, porch, or open foundation	Sheathed, with fire-resistant materials	Sheathed	0		
	Sheathed w combustible materials		2	2	

	Not sheathed		6	
	Enclosed deck, wood stored bene			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat	I		
			HOME SCORE	24
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
	Firepit > 10 m from hor	ne, in backyard		
Woodpile	More than 10 m from any building		0	
	Less than 10 m from any building	Stored beneath enclosed deck	6	6
Forest type within 10 m of home	Deciduous		0	
	Mixed wood		30	
	Coniferous		30	
	Lawn mowed. Wood fence			
Surface vegetation, combustible materials within 10 m of home and outbuildings	Well-drained lawn or non- combustible landscaping material		0	0
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
Ember	Wood, various		30	
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Combustibles surround home. Ta	ll grass		
		YARD within 1	0 m of home SCORE	6
YARD/ 10-30 m from	n home		2	
Surrounding Home	Mixed Wood		10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous		10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs		5 30 10	
Shrubs and low branches (within 2 m	None within 10-30 m		0	
of ground) in surrounding forest	Scattered within 10-30 m of buildings		5	
	Abundant within 10-30 m of buildings		10	

			YARD (10-30M) SCORE		
SITE					
Zone 1 (and 0 to 1.5 m)/ Home			Home		24
Yard			10 m from h	ome	6
Zone 2 / Yard (10-30	) m)		10-30 m from	home	N/A
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35 Home and Property Assessment: Home: Moderate; Surrounding Yard Area: Low					
Other Features					
Driveway Access		Paved drivew	vay		
Signposting		Not fluroscer	nt	Consider fluores	scent address sign
Fire Fighting Equipment: ladder	hose, shovel,	Outdoor fauc	cet. Hose.		
Emergency Response Pla	n	Did not deter	rmine	Develop ERP in Homalko	conjunction with
Smoke Alarms		1 up, 1 down, tested recently		Smoke alarms b and regularly te	est installed all floors, sted
Other					
Comments: Home at high risk due to large amount of combustibles surrounding home, and blocking back access. Roof/gutters in disrepair.					

- 1) Repair roof where birds have been nesting; open areas in roofing provide entrance points for embers, rodents, etc.
- 2) Install spark arrestor on chimney
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

## 1228 Bute Crescent.

Well maintained home and property.

Minor recommendations: fix gap in roofing where birds have nested.





8 Home & Property Assessment Address: 1231 Bute Cres., Homalko Name: Deanna Paul Ph: Email: Date: Sept 24 2018 Assessors: Margaret Symon BPC LEB Melissa Hackett				
Dute: 30pt 24 2010	Assessors. Margaret sym			
Feature		Zoi	ne 1	
Structure Location	SF Home on Bute Cresce	nt. Cat sanctuary	<i>.</i>	
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	25
	High amount combustibles in	n open carport and o	out back, wood, cardboard,	grass, bushes
HOME/10 metres	FireSmart Zone 10 m Around Str	ructure	0	
	Combustible Vegetation and/or	other Fuel	30	25
	A/A; high amount of combus	tibles		
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window exterior frames	0	
	Scattering of needles and leaves		2	
	Clogged gutters & extensive		3	3
	Roof in disrepair			
Home Exterior	Non-combustible material,		0	
	Logs or heavy timbers		1	
	Wood, vinyl siding, wood shakes	vinyl	6	6
	Vinvl	siding in disrena	ir	Ŭ
Windows and doors	Tempered glass in all		0	
	doors/windows		Ű	
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2	
	Single-pane glass –		2	
	small/medium (< than 1m x 1m) Single-pane glass – large		4	
	(greater than 1 m x 1 m)			
	Compustibles visible inside windo	ws	T	
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh	Appear clean	0	0
	Closed eaves, vents without mesh		1	
	Open eaves, vents not screened		6	
	Check that crawl spaces are cl	ean		
Chimney	If chimney present, spark arrestor	No		
			•	
Balcony, deck, porch,	Sheathed, with fire-resistant materials		0	
	Sheathed w combustible materials		2	

	Not sheathed		6	6
	Combustibles above and below deck; access blocked			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	66
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	
	Less than 10 m from home		6	
	Firepit < 10 m from hom back yarc	e, cardboard, in I		
Woodpile	More than 10 m from any building		0	
	Less than 10 m from any building		6	
	No woodnile			
Forest type within 10 m of home	Deciduous		0	
	Mixed wood		30	30
	Coniferous		30	
	Lawn mowed. Wood fence	L		
Surface vegetation, combustible materials within 10 m of home and outbuildings	Well-drained lawn or non- combustible landscaping material		0	0
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
		Γ		
Ember	Wood, various		30	25
Accumulator	combustibles.			
Feature(s)	Creating and surround home		0	
	combustibles surround nome.			54
VADD / 40.20		YARD within 10	I m of home SCORE	51
YARD/ 10-30 m from	n nome		0	
Surrounding Home	Mixed Wood		10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous	Conifer, sep to	10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs	continuous, Beyond back yard to north	5 30 10	20
Chruba and Jaw	Nono within 10, 20 ~		2	
Shrubs and low branches (within 2 m of ground) in surrounding forest	Scattered within 10-30 m Scattered within 10-30 m of buildings Abundant within 10-30 m of		0 5	

	buildings		10	
		YARD (10	-30M) SCORE	20
SITE				
Zone 1 (and 0 to 1.5 m)/ Home Home		67		
Yard		10 m 1	rom home	31
Zone 2 / Yard (10-30	) m)	10-30 m	n from home	20
				•

Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35

Home and Property Assessment: Home: Extreme; Surrounding Yard Area: Extreme

Other Features		
Driveway Access	Paved driveway	
Signposting	Not fluroscent	Consider fluorescent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faucet. Hose.	
Emergency Response Plan	Did not determine	Develop ERP in conjunction with Homalko
Smoke Alarms	??	Smoke alarms should be installed all floors, and regularly tested
Othor		

Comments: Home at high risk due to large amount of combustibles surrounding home, and blocking back access. Roof/gutters in disrepair.

- Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
  - Prune lower branches of trees at forest border at rear of home
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

# 1231 Bute Cres.

# High amount of combustibles surround home, and on/beneath deck.

# Forest edge needs pruning.



6 Address: 1258 Bute	Home & F e Cres., Homalko Name: Y	Property Assessm Vonne Joseph Ph	nent : Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	ion RPC LFR, Meli	issa Hackett	
Feature		Zor	ne 1	
Structure Location	SF Home on Bute Cresce	nt. Address signa	ge missing.	
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	25
	High amount combustibles s	urrounding home: ca	rdboard, tables, couch, sh	elving, bushes
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0	
	Combustible Vegetation and/or	other Fuel	30	25
	A/A; high amount of combus	tibles		•
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss on side	0	1
	Scattering of needles and leaves		2	
	Clogged gutters & extensive leaves		3	
		·	•	
Home Exterior	Non-combustible material,		0	
	stucco, metal siding or brick			
	Logs or neavy timbers		1	
	wood, vinyi siding, wood shakes	vinyi	6	6
	Vinyl siding i	n disrepair, comi	ng apart	
Windows and doors	Tempered glass in all doors/windows		0	
	Double-pane glass – small/medium (smaller than 1		1	1
	m x 1 m)			
	single-pane glass – small/medium (smaller than 1		2	
	m x 1 m) Single-nane glass –		2	
	small/medium (< than 1m x 1m)		Ζ	
	Single-pane glass – large		4	
	Combustibles visible inside window	ws		
Eaves and Vents	Closed eaves, vents screened		0	
	Closed eaves, vents without		1	
	Open eaves, vents not screened		6	6
	Driery	vent partially plugger	- 0	0
Chimney	If chimney present spark			
Chinney	arrestor	NO		
		1	1	
Balcony, deck, porch,	Sheathed, with fire-resistant	Sheathed, but	0	
or open roundation	materials	block access to		
		stairs and deck		
	Sheathed w combustible		2	

	materials			
	Not sheathed		6	6
	Back deck in disrepa	air; falling apart, wood s	steps crooked	
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	64
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	
	Less than 10 m from home	Wood shed	6	6
		I		
Woodpile	More than 10 m from any building		0	
	Less than 10 m from any building		6	6
	Vas waadaila			
Forest type within	Tes, woodpile Deciduous		0	
10 m of home			0	
	Mixed wood		30	
	Coniferous		30	
	Tall grass surrounds home.			
Surface vegetation, combustible materials within 10 m of home and outhuildings	Well-drained lawn or non- combustible landscaping material		0	
	Uncut grass or shrubs		30	25
	Twigs, branches and tree needles on the ground		30	
Ember	Wood, various		30	25
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Combustibles surround home. Tal	grass		
		YARD within 10	) m of home SCORE	62
YARD/ 10-30 m from	n home			
Type of Forest Surrounding Home	Deciduous Mixed Wood		0 10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous	Conifer, sep to	10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs	continuous, At E side	5 30 10	20
Shrubs and low branches (within 2 m of ground) in surrounding forest	None within 10-30 m Scattered within 10-30 m of buildings Abundant within 10-30 m of		0 5	

	buildings		10	
		YARD (10	9-30M) SCORE	20
SITE				
Zone 1 (and 0 to 1.5	m)/ Home	ŀ	Home	64
Yard		10 m 1	from home	62
Zone 2 / Yard (10-30	m)	10-30 m	n from home	20

Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35

Home and Property Assessment: Home: Extreme; Surrounding Yard Area: Extreme

Other Features		
Driveway Access	Paved driveway	
Signposting	No address signaged.	Consider fluorescent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faucet. Hose.	
Emergency Response Plan	Did not determine	Develop ERP in conjunction with Homalko
Smoke Alarms	??	Smoke alarms should be installed all floors, and regularly tested
Other		

Comments: Home at high risk due to large amount of combustibles surrounding home, and blocking back access. Back porch in disrepair.

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.



1258 Bute Crescent. No Address Signage.





Back deck partially blocked

7	Home & F	Property Assessm	nent	
Address: 1261 Bute	e Cres., Homalko Name: Y	'vonne Joseph Ph	: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR, Meli	issa Hackett	
Feature		Zor	ne 1	
Structure Location	SF Home on Bute Cresce	nt.		
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	25
	High amount combustibles in	n open carport and o	ut back, wood, cardboard	l, grass
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0	
	Combustible Vegetation and/or	other Fuel	30	25
	A/A; high amount of combus	tibles		
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window exterior frames	0	
	Scattering of needles and leaves		2	
	Clogged gutters & extensive leaves		3	3
	Gutters in disrepair			
Home Exterior	Non-combustible material, stucco, metal siding or brick		0	
	Logs or heavy timbers		1	
	Wood, vinyl siding, wood shakes	vinyl	6	6
	Wood exposed on corne	rs	•	
Windows and doors	Tempered glass in all doors/windows		0	
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2	
	Single-pane glass – small/medium (< than 1m x 1m)		2	
	Single-pane glass – large (greater than 1 m x 1 m)		4	
	Combustibles visible inside window	ws		
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh	1 vent at back is clear	0	
	Closed eaves, vents without mesh		1	1
	Open eaves, vents not screened		6	
	Check that crawl spaces are clo	ean		
Chimney	If chimney present, spark arrestor	No		
Balcony, deck, porch, or open foundation	Sheathed, with fire-resistant materials	Sheathed, but combustibles block access to stairs and deck	0	

	Sheathed w combustible		2	
	materials Not sheathed		6	6
	Combustibles above and below de	eck: access blocked	0	0
Position wrt slone	Building located on bottom or	,	0	0
	lower portion of hill		0	0
	Building located on mid - upper		6	
	flat	I		
			HOME SCORE	67
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
	Firepit > 10 m from hon	ne. in backvard		
Woodnile	More than 10 m from any		0	
woodplie	building		0	
	Less than 10 m from any building		6	6
	No, woodpile			
Forest type within	Deciduous		0	
10 11 01 1101110	Mixed wood		30	
	Coniferous		30	
	Lawn mowed. Wood fence	<u> </u>		
Surface vegetation, combustible materials within 10 m of home and	Well-drained lawn or non- combustible landscaping material		0	0
outbuildings	Uncut grass or shrubs		30	
	Twigs, branches and tree		30	
	needles on the ground			
		Γ		
Ember	Wood, various		30	25
Accumulator	combustibles.		_	
Feature(s)	Clean yard, surroundings		0	
	Compustibles surround nome. Tai	l grass		
		YARD within 10	0 m of home SCORE	31
YARD/ 10-30 m from	n home			
Surrounding Home	Mixed Wood		10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous	Conifer, sep to	10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs	continuous, Beyond back yard	5 30 10	20
Shrubs and low	None within 10-30 m		0	
branches (within 2 m of ground) in surrounding forest	Scattered within 10-30 m of buildings		5	

	Abundant within 10-30 m of						
	buildings				10		
			YARD (10	-30M) SC	ORE	20	
SITE							
Zone 1 (and 0 to 1.5	m)/ Home		ŀ	lome		67	
Yard			10 m f	rom hom	e	31	
Zone 2 / Yard (10-30	) m)		10-30 m	n from ho	me	20	
Hazard scor	e: Low: < 21 Modera	te: 21-29	High:	30-35	Extreme: >	• 35	
Home and Property	Assessment: Home: Ex	treme: Su	rounding	Yard Area	: Extreme		

Other Features		
Driveway Access	Paved driveway	
Signposting	Not fluroscent	Consider fluorescent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faucet. Hose.	
Emergency Response Plan	Did not determine	Develop ERP in conjunction with Homalko
Smoke Alarms	??	Smoke alarms should be installed all floors, and regularly tested
Other		

Comments: Home at high risk due to large amount of combustibles surrounding home, and blocking back access. Roof/gutters in disrepair.

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

Photos 1261 Bute Cres.



FireSmart recommendations: clean up/ remove combusibles around home, including on/below deck, fix faulty gutters

1 Home & Property Assessment Address: 1262 Bute Cres., Homalko, Name: Mary Wilson, Ph. Email:					
Date: Sept 24 2018 Assessors: Margaret Symon RPC LFR, Melissa Hackett					
Feature	Zone 1				
Structure Location	SF Home on Bute Crescent.				
HOME/1.5 metres	Actual Score				
	FireSmart zone immediately around structure         0           Combustibles, long grass, fuel containers, etc.         30         25           High amount combustibles surrounding home: blackberry bushes, tires, wood, cardboard, grass				
HOME/10 metres	FireSmart Zone 10 m Around Structure		0		
	Combustible Vegetation and/or other Fuel		30	25	
	A/A; high amount of combus	tibles		-	
<b>Roofing Material</b>	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0	
	Unrated wood shakes		30		
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window exterior frames	0	1	
	Scattering of needles and leaves		2		
	Clogged gutters & extensive leaves		3		
Home Exterior	Non-combustible material,		0		
	Logs or heavy timbers		1		
	Wood, vinyl siding, wood shakes	vinyl	6	6	
	Wood exposed on corners				
Windows and doors	Tempered glass in all doors/windows		0		
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1	
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2		
	Single-pane glass – small/medium (< than 1m x 1m)		2		
	Single-pane glass – large (greater than 1 m x 1 m)		4		
	Combustibles visible inside windows				
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh	1 vent at back - clear	0	0	
	Closed eaves, vents without mesh		1		
	Open eaves, vents not screened		6		
	Check that crawl spaces are clo	ean			
Chimney	If chimney present, spark arrestor	No			
<b>- - - - - - - -</b>	Character and Character and		-		
Balcony, deck, porch, or open foundation	Sneathed, with fire-resistant materials	Sheathed, but combustibles block access to stairs and deck	0		

	Sheathed w combustible		2	
	materials Not sheathed		6	6
	Compustibles above and below de	eck: access blocked	0	0
Position wrt slopo	Building located on bottom or	0		
Position wit slope	lower portion of hill		0	0
	Building located on mid - upper		6	
	flat			
				64
VARD/within 10 m (	l			04
Outhuildings	More than 10 m from home		0	
outounungs	Less than 10 m from home	Wood shed	6	6
		Wood shed	0	0
Woodpile	building		0	
	Less than 10 m from any		6	6
	building			
	Yes, woodpile			
Forest type within	Deciduous		0	
10 m of home				
	Mixed wood		30	
	Coniferous		30	
	Tall grass surrounds home.			
Surface vegetation,	Well-drained lawn or non-		0	
within 10 m of home and	combustible landscaping material			
outbuildings				
	Uncut grass or shrubs		30	25
	Twigs, branches and tree		30	
	needles on the ground			
Embor	Wood various		20	25
Accumulator	combustibles.		50	25
Feature(s)	Clean yard, surroundings		0	
	Combustibles surround home. Tal	U		
		VADD within 10 m of home COODE		62
VARD/10-30 m from	home	TARD WITHIN TO IT OF HOME SCORE		02
Type of Forest	Deciduous		0	
Surrounding Home	Mixed Wood		10	
	Conifer		10	
10-30 m of home	Separated		30	
	continuous			
Surface Vegetation	Twigs, Branches, Needles on ground Scattered		5	
	Abundant		30	20
	Uncut grass or shrubs		10	20
Shrubs and low branches (within 2 m	None within 10-30 m		0	
of ground) in	Scattered within 10-30 m of		_	
surrounding forest	buildings		5	

	Abundant within 1	.0-30 m of				
	buildings					
					10	
			YARD (10-30M) SCORE		20	
SITE						
Zone 1 (and 0 to 1.5 m)/ Home			Home			64
Yard	/ard		10 m from home		62	
Zone 2 / Yard (10-30 m)			10-30 m from home		20	
Hazard score: Low: < 21 Moderate: 2			21-29 High:	30-35	Extreme: >	<b>3</b> 5
Home and Property Assessment: Home: Extreme; Surrounding Yard Area: Extreme						
nome and noperty	Assessment: H	ome: Extrer	ne; Surrounding	Yard Area	a: Extreme	
nome and roperty	Assessment: H	ome: Extrer	ne; Surrounding	Yard Area	a: <b>Extreme</b>	
Other Features	Assessment: H	ome: Extrer	ne; Surrounding	Yard Area	a: <b>Extreme</b>	
Other Features	Assessment: H	ome: Extrer	ne; Surrounding	Yard Area	a: Extreme	
Other Features Driveway Access	Assessment: H	ome: Extrer	ne; Surrounding	Yard Area	a: Extreme	
Other Features Driveway Access		Ome: Extrer	ne; Surrounding	Yard Area	a: Extreme	
Other Features Driveway Access Signposting		ome: Extrer Paved drivew Not fluroscer	ne; Surrounding /ay	Yard Area	a: Extreme	cent address sign

Fire Fighting Equipment: hose, shovel, Outdoor faucet. Hose. ladder Emergency Response Plan Did not determine Develop ERP in conjunction with Homalko **Smoke Alarms** ?? Smoke alarms should be installed all floors, and regularly tested

Other

Comments: Home at high risk due to large amount of combustibles surrounding home, and blocking back access.

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.



1262 Bute Crescent. High amount of combustibles within Zone 1a and Zone 1  $\,$ 

Exit from back deck blocked by brush.

17	Home &	<b>Property Asses</b>	sment		
Address: #1-1270 E	Bute Cres., Homalko Nam	e: Barb B Ph: Er	nail:		
Date: Sept 24 2018	Assessors: Margaret Sym	ion RPC LFR			
Nelson Blaney accor	mpanied me on assessmen	nt			
Feature	Zone 1				
Structure Location	Eastern, end unit in singl	e-storey 4-plex			
		, ,			
HOME/1.5 metres	Actual Score				
,	FireSmart zone immediately around structure		0		
	Combustibles, long grass, fuel co	Combustibles, long grass, fuel containers, etc.		5	
	Veg fairly well maintained, some outside furniture				
HOME/10 metres	FireSmart Zone 10 m Around Structure		0		
101112/2011101103	Combustible Vegetation and/or other Fuel		30	5	
	Δ/Δ· mostly clear of combust	tihles	50	5	
Roofing Material	Metal, clay tile, asphalt shingle or	ULC-rated shakes	0	0	
	Unrated wood shakes		30	Ŭ	
Roof Cleanliness	No needles, leaves, or other	Some moss	30	0	
Roor cleaniness	combustible material	window	0	0	
	Scattering of needles and leaves		2		
	Clogged gutters & extensive		3		
	leaves	Guttors look ok			
	Non combustible material				
Home Exterior	stucco. metal siding or brick		0		
	Logs or heavy timbers		1		
	Wood, vinyl siding, wood shakes	vinyl	6	6	
Windows and doors	Tempered glass in all		0		
	doors/windows		Č.		
	Double-pane glass –		1	1	
	m x 1 m)				
	Single-pane glass –		2		
	small/medium (smaller than 1				
	Single-pane glass –		2		
	small/medium (< than 1m x 1m)		2		
	Single-pane glass – large		4		
Faves and Vents	Closed eaves, vents screened		0	0	
	with 3 mm wire mesh		0	0	
	Closed eaves, vents without		1		
	Mesn Open eaves, vents not screened		6		
	Check that crawl spaces are ch	ean	D		
Chimmen	If chimney procent spark				
Chimney	arrestor	N/A			
Balcony, deck, porch,	Sheathed, with fire-resistant	N/A	0		
or open foundation	materials				
	Sheathed w combustible		2		
	Not sheathed		6		
			5		

Position wrt slope Building located on bottom or 0	0
lower portion of hill	0
Building located on mid - upper     6       portion of a hill or crest of hill     6	
flat	
HOME SCORE	17
YARD/ within 10 m of home	
Outbuildings More than 10 m from home 0	0
Less than 10 m from home 6	
Woodpile         More than 10 m from any building         N/A         0	
Less than 10 m from any 6 building	
No, woodpile	
Forest type within   Deciduous   0   N     10 m of home   0   N	I/A
Mixed wood >10 m 30	
Coniferous 30	
Lawn mowed. Wood fence at rear	
Surface vegetation, Well-drained lawn or non- Grass 0	0
combustible materials combustible landscaping surrounding	
outbuildings unit is cut	
Uncut grass or shrubs 30	
Twigs, branches and tree     30       needles on the ground     30	
Ember Wood, various 30	5
Accumulator combustibles.	
Feature(s)   Clean yard, surroundings   0	
Limited number of combustibles, mostly next to unit -	
YARD within 10 m of home SCORE	5
YARD/ 10-30 m from home	
Type of Forest Deciduous Back yard is 0	
Surrounding Home Mixed Wood 10	
Surface Vegetation within Conifer Some 10	
10-30 m of home Continuous blackberry; 30	
Surface Vegetation Twigs Branches Needles on ground forest to	
around buildings Scattered north across 5	
Abundant 30	22
Shrubs and low None within 10-30 m	
branches (within 2 m	
of ground) in Scattered within 10-30 m of buildings	
surrounding forest	
Abundant within 10-30 m of 10	
YARD (10-30M) SCORE	22

SITE					
Zone 1 (and 0 to 1.5 m)/ Home	Home		16		
Yard	10 m from home		5		
Zone 2 / Yard (10-30 m)		10-30 m from home		22	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35 Home and Property Assessment: Home: Low; Surrounding Yard Area: Low					
Other Features					
Driveway Access	Paved drivew	vay; flat			
Signposting	Not fluroscer	nt	Consider fluores	scent address sign	
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.			
Emergency Response Plan	Did not deter	rmine	Develop ERP in Homalko	conjunction with	
Smoke Alarms	??		Smoke alarms s regularly tested	hould be installed and	
Other					

Comments: Good work – very few combustibles immediately surrounding home, and mostly clear 10 m zone

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

#### #1 – 1270 Bute Cres.



Homeowner keeps Zone 1A and Zone 1 clear of combustibles


11	Home &	Property Assess	sment	
Address: #2-1270 E	Bute Cres., Homalko Nam	e: Alfred H Jr Ph:	Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR		
Nelson Blaney accor	mpanied me on assessmen	t		
Feature		Zo	ne 1	
Structure Location	Eastern, end unit in singl	e-storey 4-plex		
	, 0	, ,		
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	5
	Veg fairly well maintained so	ome outside furnitur	<b>50</b>	
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture		
nome/10 metres	Combustible Vegetation and/or	other Fuel	20	E
	$\Lambda/\Lambda$ : mostly cloar of combust	tibloc	50	5
Roofing Material	Metal, clay tile, asphalt shingle or	UIC-rated shakes	0	0
	Unrated wood shakes		20	0
De of Classelia des	No peodles leaves or other	Somo moss	30	
Roof Cleanliness	combustible material	window	0	0
	Scattering of needles and leaves		2	
	Clogged gutters & extensive		3	
	leaves			
		Gutters look ok		
Home Exterior	Non-combustible material,		0	
	Logs or heavy timbers		1	
	Wood, vinvl siding, wood shakes	vinvl	6	6
			0	0
Windows and doors	Tempered glass in all		0	
willuows and uoors	doors/windows		0	
	Double-pane glass –		1	1
	small/medium (smaller than 1			
	Single-pane glass –		2	
	small/medium (smaller than 1		-	
	m x 1 m)		2	
	single-parte glass – small/medium (< than 1m x 1m)		2	
	Single-pane glass – large		4	
	(greater than 1 m x 1 m)			
		Г	T	
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh		0	0
	Closed eaves, vents without		1	
	mesh		_	
	Open eaves, vents not screened		6	
	Check that crawl spaces are clo	ean		
Chimney	If chimney present, spark	N/A		
		I	1	
Balcony, deck, porch	Sheathed, with fire-resistant	N/A	0	
or open foundation	materials	,.	0	
	Sheathed w combustible		2	
	materials Not shoathod			
	NOT SHEATHER		6	

	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	17
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
		1		
Woodpile	More than 10 m from any building	N/A	0	
	Less than 10 m from any building		6	
	No, woodpile	2		
Forest type within	Deciduous		0	N/A
10 m of home	Mixed wood	>10 m	20	
	Coniferous	>10 m	30	
	Lown mowed Wood f		30	
	Lawn mowed. wood f	ence at rear.		
Surface vegetation,	Well-drained lawn or non-	Grass	0	0
combustible materials within 10 m of home and	combustible landscaping material	surrounding		
outbuildings	indecid.	unit is cut		
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
Ember	Wood, various		30	5
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Limited number of combustibles,	mostly next to unit -		
		YARD within 10	0 m of home SCORE	5
YARD/ 10-30 m from	n home			
Type of Forest	Deciduous	Back yard is	0	
Surrounding Home		grass with	10	
Surface Vegetation within	Conifer	some	10	
10-30 m of home	Continuous	blackberry;	30	
Surface Vegetation	Twigs, Branches, Needles on ground	forest to		
around buildings	Scattered	north across	5	
	Abundant Uncut grass or shrubs	Bute Cres.	30	22
			10	
Shrubs and low	None within 10-30 m		0	
branches (within 2 m				
of ground) in	scattered within 10-30 m of buildings		5	
surrounding forest				
	Abundant within 10-30 m of buildings		10	
		YARD (10	-30M) SCORE	22

SITE				
Zone 1 (and 0 to 1.5 m)/ Home	Home		16	
Yard		10 m from ho	ome	5
Zone 2 / Yard (10-30 m)		10-30 m from	home	22
Hazard score: Low: < 21 Home and Property Assessment: F	Moderate: 2 Iome: Low;	21-29 High: 30-35 Surrounding Yard Area:	Extreme: : Low	> 35
Other Features				
Driveway Access	Paved drivew	vay; flat		
Signposting	Not fluroscer	nt	Consider fluores	scent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.		
Emergency Response Plan	Did not deter	rmine	Develop ERP in Homalko	conjunction with
Smoke Alarms	??		Smoke alarms s regularly tested	hould be installed and
Other				

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

### #2 - 1270 Bute Cres.



Low fuel loading in Zones 1a and Zone 1









19	Home &	<b>Property Assess</b>	sment		
Address: #3-1270 E	Bute Cres., Homalko Nam	e: Dean W Jr Ph:	Email:		
Date: Sent 24 2018 Assessors: Margaret Symon RPC LER					
Nelson Blaney accor	mpanied me on assessmen	it			
Feature	·	Zo	ne 1		
Structure Location	Eastern, end unit in singl	e-storev 4-plex			
		e storey i piex			
HOME/1 5 metres				Actual Score	
	FireSmart zone immediately aro	und structure	0		
	Compustibles long grass fuel co	ntainers etc	20		
	Vog fairly well maintained og	ma cardan aquinm	SU 3U	5	
HOME/10 motros	FireSmart Zone 10 m Around Str	ucture			
HOME/10 metres	Combustible Vegetation and/or	athar Eugl	0		
			30	5	
Deafing Material	A/A; mostly clear of combust	LIDIES	0	0	
Rooning Material	Uprated wood shakes		0	0	
			30		
Roof Cleanliness	combustible material	some moss window	0	0	
	Scattering of needles and leaves		2		
	Clogged gutters & extensive		3		
	leaves		3		
		Gutters look ok	I		
Home Exterior	Non-combustible material,		0		
	Logs or heavy timbers		1		
	Wood, vinvl siding, wood shakes	vinvl	6	6	
	, ,	,	0	0	
Windows and doors	Tempered glass in all		0		
	doors/windows		0		
	Double-pane glass –		1	1	
	small/medium (smaller than 1				
	Single-pane glass –		2		
	small/medium (smaller than 1				
	m x 1 m) Single-nane glass –		2		
	small/medium (< than 1m x 1m)		2		
	Single-pane glass – large		4		
	(greater than 1 m x 1 m)				
Fauna and Manta	Closed eques wents screened		<u> </u>	0	
Eaves and vents	with 3 mm wire mesh		0	0	
	Closed eaves, vents without		1		
	mesh				
	Open eaves, vents not screened		6		
	Check that crawl spaces are clo	ean			
Chimney	If chimney present, spark arrestor	N/A			
		1	1		
Balcony. deck. porch.	Sheathed, with fire-resistant	N/A	0		
or open foundation	materials	,	U U		
	Sheathed w combustible		2		
	materials Not sheathed				
	NOT SHEATHER		б		

	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	17
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
Woodpile	More than 10 m from any building	N/A	0	
	Less than 10 m from any building		6	
	No, woodpile	5		
Forest type within	Deciduous		0	N/A
10 11 01 1101110	Mixed wood	>10 m	30	
	Coniferous	×10 m	30	
	Lawn mowed Wood f	ence at rear	50	
	Lawit mowed. wood i			
Surface vegetation,	Well-drained lawn or non-	Grass	0	0
combustible materials	combustible landscaping	surrounding		
outbuildings	materia	unit is cut		
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
Ember	Wood, various		30	5
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Limited number of combustibles,	mostly next to unit -		
		YARD within 10	0 m of home SCORE	5
YARD/ 10-30 m from	n home			
Type of Forest	Deciduous	Back vard is	0	
Surrounding Home	Mixed Wood	grass with	10	
Surface Vegetation within	Conifer	some	10	
10-30 m of home	Separated Continuous	blackberry:	30	
	<b>T</b> : <b>D</b>   <b>N</b>	forest to		
around buildings	Scattered	north across	5	
	Abundant	Bute Cres	30	22
	Uncut grass or shrubs	Dute cres.	10	22
branches (within 2 m	None within TO-30 m		0	
of ground) in	Scattered within 10-30 m of		_	
surrounding forest	buildings		5	
	Abundant within 10-30 m of		10	
	buildings		10	
		YARD (10	)-30M) SCORE	22

SITE				
Zone 1 (and 0 to 1.5 m)/ Home	Home		16	
Yard		10 m from ho	ome	5
Zone 2 / Yard (10-30 m)		10-30 m from	home	22
Hazard score: Low: < 21 Home and Property Assessment: F	Moderate: 2 Iome: Low;	21-29 High: 30-35 Surrounding Yard Area:	Extreme: : Low	> 35
Other Features				
Driveway Access	Paved drivew	vay; flat		
Signposting	Not fluroscer	nt	Consider fluores	scent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.		
Emergency Response Plan	Did not deter	rmine	Develop ERP in o Homalko	conjunction with
Smoke Alarms	??		Smoke alarms sl regularly tested	hould be installed and
Other				

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

#### #3- 1270 Bute Cres.



It is important to ensure that Zone 1a and Zone 1 are clear of combustibles, especially in the case of physically handicapped residents



20	Home &	Property Assess	sment		
Address: #4-1270 E	Bute Cres., Homalko Nam	e: Clarence B Ph	: Email:		
Date: Sept 24 2018 Assessors: Margaret Symon RPC LFR					
Nelson Blaney accor	mpanied me on assessmen	t			
Feature		Zo	ne 1		
Structure Location	Western, end unit in sing	gle-storey 4-plex	. Resident has limited	vision.	
HOME/1.5 metres				Actual Score	
- ,	FireSmart zone immediately aro	und structure	0		
	Combustibles, long grass, fuel co	ontainers, etc.	30	5	
	Veg fairly well maintained so	ome garden equinm	ent outside front door	5	
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture			
nome/10 metres	Combustible Vegetation and/or	other Fuel	20	E	
	A /A: mostly clear of combust	tibloc	50	5	
Roofing Material	Metal, clay tile, asphalt shingle or	UIC-rated shakes	0	0	
	Unrated wood shakes		0	0	
De ef Cleandin ere	No poodlos logyos or other	Somo moss	30		
Roof Cleanliness	combustible material	window	0	0	
	Scattering of needles and leaves		2		
	Clogged gutters & extensive		3		
	leaves				
		Gutters look ok	1		
Home Exterior	Non-combustible material,		0		
	Logs or heavy timbers		1		
	Wood, vinvl siding, wood shakes	vinvl	6	6	
	, ,	1	0	0	
Windows and doors	Tempered glass in all		0		
	doors/windows		0		
	Double-pane glass –		1	1	
	small/medium (smaller than 1 m x 1 m)				
	Single-pane glass –		2		
	small/medium (smaller than 1		_		
	m x 1 m) Single-nane glass –		2		
	small/medium (< than 1m x 1m)		2		
	Single-pane glass – large		4		
	(greater than 1 m x 1 m)				
<b>F</b> 1)( )	Clased eques wents screened		-		
Eaves and vents	with 3 mm wire mesh		0	0	
	Closed eaves, vents without		1		
	mesh				
	Open eaves, vents not screened		6		
	Check that crawl spaces are clo	ean			
Chimney	It chimney present, spark	N/A			
		1	1		
Balcony, deck. porch.	Sheathed, with fire-resistant	N/A	0		
or open foundation	materials	,			
	Sheathed w combustible		2		
	materials Not sheathed		C		
L	Not sheathed		б		

	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	17
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
Woodpile	More than 10 m from any building	N/A	0	
	Less than 10 m from any building		6	
	No, woodpile	5		
Forest type within	Deciduous		0	N/A
10 11 01 1101110	Mixed wood	>10 m	30	
	Coniferous	×10 m	30	
	Lawn mowed Wood f	ence at rear	50	
	Lawit mowed. wood i			
Surface vegetation,	Well-drained lawn or non-	Grass	0	0
combustible materials	combustible landscaping	surrounding		
outbuildings	materia	unit is cut		
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
Ember	Wood, various		30	5
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Limited number of combustibles,	mostly next to unit -		
		YARD within 10	0 m of home SCORE	5
YARD/ 10-30 m from	n home			
Type of Forest	Deciduous	Back vard is	0	
Surrounding Home	Mixed Wood	grass with	10	
Surface Vegetation within	Conifer	some	10	
10-30 m of home	Separated Continuous	blackberry:	30	
	<b>T</b> : <b>D</b>   <b>N</b>	forest to		
around buildings	Scattered	north across	5	
	Abundant	Bute Cres	30	22
	Uncut grass or shrubs	Dute cres.	10	22
branches (within 2 m	None within TO-30 m		0	
of ground) in	Scattered within 10-30 m of		_	
surrounding forest	buildings		5	
	Abundant within 10-30 m of		10	
	buildings		10	
		YARD (10	)-30M) SCORE	22

SITE				
Zone 1 (and 0 to 1.5 m)/ Home	Home		16	
Yard		10 m from ho	ome	5
Zone 2 / Yard (10-30 m)		10-30 m from	home	22
Hazard score: Low: < 21 Home and Property Assessment: F	Moderate: 2 Iome: Low;	21-29 High: 30-35 Surrounding Yard Area:	Extreme: : Low	> 35
Other Features				
Driveway Access	Paved drivew	vay; flat		
Signposting	Not fluroscer	nt	Consider fluores	scent address sign
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.		
Emergency Response Plan	Did not deter	rmine	Develop ERP in o Homalko	conjunction with
Smoke Alarms	??		Smoke alarms sl regularly tested	hould be installed and
Other				

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

## #4 – 1270 Bute Cres.



Low fuel loading front and back





13	Home &	<b>Property Assess</b>	sment	
Address: #1-1280 E	Bute Cres., Homalko Nam	e: Bert Francis P	h: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	ion RPC LFR		
Nelson Blaney accor	mpanied me on assessmen	nt		
Feature	·	Zo	ne 1	
Structure Location	End unit in single-storey	4-nlex		
		i piex		
HOME/1 5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Compustibles long grass fuel of	and strattare	0	
			30	5
	Veg fairly well maintained, so	ome outside furnitu	re	
HOME/10 metres		ath an Firel	0	
	Combustible vegetation and/or	other Fuel	30	5
	A/A; mostly clear of combust	tibles		
Roofing Material	Metal, clay tile, <u>asphalt sningle</u> or	ULC-rated snakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other	Some moss	0	0
	Scattering of needles and leaves	window	2	
	Clogged gutters & extensive		2	
	leaves		5	
		Gutters look ok		
Home Exterior	Non-combustible material,		0	
	stucco, metal siding or brick			
			1	_
	Wood, vinyl siding, wood shakes	vinyl	6	6
		1	1	
Windows and doors	Tempered glass in all		0	
	Double-pane glass –		1	1
	small/medium (smaller than 1		1	
	m x 1 m)			
	Single-pane glass – small/medium (smaller than 1		2	
	m x 1 m)			
	Single-pane glass –		2	
	small/medium (< than 1m x 1m)			
	(greater than 1 m x 1 m)		4	
Eaves and Vents	Closed eaves, vents screened		0	0
	with 3 mm wire mesh			
	Closed eaves, vents without mesh		1	
	Open eaves, vents not screened		6	
	Check that crawl spaces are cl	ean	· ·	
Chimney	If chimney present. spark	N/A		
Chinney	arrestor	11/4		
Balcony, deck, porch,	Sheathed, with fire-resistant	N/A	0	
or open foundation	materials			
	Sheathed w combustible materials		2	
	Not sheathed		6	
			0	1

	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	17
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
Woodpile	More than 10 m from any building	N/A	0	
	Less than 10 m from any building		6	
	No, woodpile	5		
Forest type within	Deciduous		0	N/A
10 11 01 1101110	Mixed wood	>10 m	30	
	Coniferous	× 10 m	30	
	Lawn mowed. Wood f	ence at rear	50	
Surface vegetation,	Well-drained lawn or non-	Grass	0	0
combustible materials within 10 m of home and	combustible landscaping	surrounding		
outbuildings		unit is cut		
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
		•		
Ember	Wood, various		30	5
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Limited number of combustibles,	mostly next to unit -		
		YARD within 10	0 m of home SCORE	5
YARD/ 10-30 m from	home			
Type of Forest	Deciduous		0	
Surrounding Home	Mixed Wood		10	
Surface Vegetation within	Conifer	Conifer, sep	10	
10-30 m of home	Separated Continuous	to	30	
Curferer Mensterling		continuous		
around buildings	Scattered	Beyond back	5	
	Abundant	vard	30	30
	Uncut grass or shrubs	yara	10	50
Chambre and L	None within 10, 20			
branches (within 2 m	None within TO-30 m		0	
of ground) in	Scattered within 10-30 m of		_	
surrounding forest	buildings		5	
	Abundant within 10-30 m of		10	
	buildings		10	
		YARD (10	)-30M) SCORE	30

SITE					
Zone 1 (and 0 to $1.5 \text{ m}$ )/ Home		Home		16	
Yard		10 m from ho	ome	5	
Zone 2 / Yard (10-30 m)		10-30 m from	home	30	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35					
Home and Property Assessment: Home: High; Surrounding Yard Area: High					
Other Features					
		<i>c</i>			
Driveway Access	Paved drivev	vay; flat			
Signposting	Not flurosce	nt	Consider fluores	scent address sign	
Fire Fighting Equipment: hose, shovel, ladder	Outdoor fau	cet. Hose.			
Emergency Response Plan	Did not dete	rmine	Develop ERP in	conjunction with	
			Homalko		
Smoke Alarms	??		Smoke alarms s	hould be installed and	
			regularly tested		
Other					

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

#### #1 -1280 Bute Cres.





14	Home &	<b>Property Assess</b>	sment	
Address: #2-1280 E	Bute Cres., Homalko Nam	e: Nelson Blaney	/ Ph: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR		
Nelson Blaney accor	mpanied me on assessmen	it		
Feature		Zo	ne 1	
Structure Location	Second unit in single-sto	rey 4-plex		
HOME/1.5 metres				Actual Score
,	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	5
	Veg fairly well maintained, so	ome outside furnitu	re	<u> </u>
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0	
- ,	Combustible Vegetation and/or	other Fuel	30	5
	A/A: mostly clear of combust	tibles	00	<u> </u>
Roofing Material	Metal, clay tile, asphalt shingle or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other	Some moss	0	0
	combustible material	window	Ŭ	Ŭ
	Scattering of needles and leaves		2	
	Clogged gutters & extensive		3	
		Gutters look ok		
Home Exterior	Non-combustible material,		0	
	stucco, metal siding or brick		0	
	Logs or heavy timbers		1	
	Wood, vinyl siding, wood shakes	vinyl	6	6
Windows and doors	Tempered glass in all		0	
	Double-pane glass –		1	1
	small/medium (smaller than 1		-	-
	m x 1 m) Single-pape glass –		2	
	small/medium (smaller than 1		2	
	m x 1 m)			
	Single-pane glass – small/medium (< than 1m x 1m)		2	
	Single-pane glass – large		4	
	(greater than 1 m x 1 m)			
		1	1	
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh		0	0
	Closed eaves, vents without		1	
	mesh		-	
	Open eaves, vents not screened		6	
	Check that crawl spaces are clo	ean	-	
Chimney	If chimney present, spark arrestor	N/A		
Balcony, deck, porch,	Sheathed, with fire-resistant	N/A	0	
or open foundation	materials			
	Sneathed w combustible materials		2	
	Not sheathed		6	
L	1	1		1

Position wrt slope  Building located on bottom or lower portion of hill flat  0  0    Halliding located on mid - upper portion of a hill or creat of hill flat  6  17    YARD/ within 10 m of home  0  0    Outbuildings  More than 10 m from home  0  0    Outbuildings  More than 10 m from home  0  0    Woodpile  Less than 10 m from nome  0  0    Woodpile  More than 10 m from nome  0  0    Woodpile  Less than 10 m from nome  0  0    Berddouts  0  N/A  0    Deciduous  0  N/A  0    Deciduous  0  N/A  0    Confiderous  0  N/A  0    Surface wegetation, combustible interional material  Grass  0  0    Surface wegetation, combustible interional material  Grass  0  0    Uncut grass or shrubs  30  1  1    Ember  Wood, various  30  5    Accumulator readels on the ground  Surface wegetation, combustibles, mather soft next to unft -  0    Uncut grass or shrubs  30  5  1    Surface wegetation, combustibles, mather soft next to unft -  0  2		Combustibles above and below de			
bilding located on mid - upper proton of a hill or creat of hill I fat  Image: mathematical structure of the stru	Position wrt slope	Building located on bottom or lower portion of hill		0	0
flat      HOME SCORE      17        VARD/ within 10 m of home      0      0        Outbuildings      More than 10 m from home      0      0        Less than 10 m from home      6      0      0        Woodpile      More than 10 m from any building      N/A      0      0        Woodpile      More than 10 m from any building      N/A      0      0        Forest type within 10 m of home      Deciduous      0      N/A        Surface wagetation, combuctibe matrixible landscaping material      Now woodple      0      0        Surface wagetation, combuctibe matrixible landscaping material      Grass surrounding surrounding surroundings      0      0        Uncut grass or shrubs      Grass combustible matrixible landscaping material      300      1        Wood, various combustible matrixible and tree needees on the ground      30      5      1        Feature(s)      Uncut grass or shrubs      30      5      1        More than 10 m of nome and outbuildings      0      5      1      1        Uncut grass or shrubs      a0      5      2      2        More than 10 more combu		Building located on mid - upper portion of a hill or crest of hill		6	
YARD/within 10 m of home  HOME SCORE  17    Outbuildings  More than 10 m from home  0  0    Uses than 10 m from home  6  0    Woodpile  More than 10 m from any building  N/A  0    Woodpile  More than 10 m from any building  N/A  0    Forest type within 10 m of home  Deciduous  0  N/A    10 m of home  Mixed wood  >10 m  30    Combustible matiscaping within 10 m of nome and outbuildings  VID m  30		flat			
YARD/ within 10 m of home  Image: More than 10 m from home  0    Outbuildings  More than 10 m from home  6    More than 10 m from home  6    Woodpile  More than 10 m from any building  N/A  0    Woodpile  More than 10 m from any building  N/A  0    Ensitient of the than 10 m from any building  N/A  0    Forest type within 10 m of home  Deciduous  0  N/A    Forest type within 10 m of home  Deciduous  0  N/A    Surface wegetation, combustible materials within 10 m of home and autbuildings  Vell-drained lawn or non- combustible landscaping unit is cut  Grass surrounding unit is cut  0  0    Surface wegetation, combustible materials  Well-drained lawn or non- combustible landscaping unit is cut  30  0    Surface wegetation, combustible materials  Well-drained lawn or non- combustible landscaping unit is cut  30  0    Feature(s)  Uncut grass or shrubs  30  0  0    Kaccumulator  Feature(s)  Wood, various cutation were drombustibles.  30  5    YaRD / 10-30 m from home  More Wood  Back yard is grass with  0  0    Surface Vegetation within 0-30 m of home  Satered within 10-30 m of buildings  0  22    Surface Vegetatio				HOME SCORE	17
Outbuildings      More than 10 m from home      0      0        Less than 10 m from home      6	YARD/ within 10 m o	of home			
Less than 10 m from home  6    Woodpile  More than 10 m from any building  N/A  0    Less than 10 m from any building  N/A  0    Less than 10 m from any building  No, woodpile  0    Forest type within 10 m of home  Deciduous  0    Mixed wood  >10 m  30    Conferous  30  0    Surface vegetation, combustible and scaping material  Grass surrounding unit is cut  0    Weid, various  30  0    Wood, various  30  0    Ember  300  0    Ketter expectation, combustible andscaping material  Grass surrounding unit is cut  0    Uncut grass or shrubs  30  0    Ember  Wood, various combustibles, Clean yard, surroundings  0    United number of combustibles, Surface Vegetation around buildings  Mixed wood  5    VARD /10-30 m from home  Decidious grass with 10-30 m of home  10    Surface Vegetation around buildings  None within 10-30 m blackberry; 30  10    Surface Vegetation around buildings  None within 10-30 m of buildings  0    Strubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  10	Outbuildings	More than 10 m from home		0	0
Woodpile  More than 10 m from any building  N/A  0    Less than 10 m from any building  No, woodpile  6    Forest type within 10 m of home  Deciduous  0  N/A    Mixed wood  >10 m  30		Less than 10 m from home		6	
Woodpile      More than 10 m from any building      N/A      0        Less than 10 m from any building      Less than 10 m from any building      6        No, woodpile      0      N/A        Forest type within 10 m from any building      Deciduous      0      N/A        10 m of home      Mixed wood      >10 m      30					
Less than 10 m from any building  Less than 10 m from any building  Image: state of the state	Woodpile	More than 10 m from any building	N/A	0	
Image: No, woodpile      Image: No, woodpile      Image: No, woodpile      Image: No, woodpile        Forest type within 10 m of home      Deciduous      0      N/A        Image: No, woodpile      No      30      Image: No        Coniferous      Image: No      30      Image: No        Coniferous      Image: No      30      Image: No        Surface vegetation, combustible landscaping material      Vell-drained lawn or non-combustible landscaping material      Grass surrounding unit is cut      0      0        ustudidings      Uncut grass or shrubs      Image: Surrounding unit is cut      30      Image: Surrounding unit is cut      0        ustudidings      Uncut grass or shrubs      Image: Surrounding Unit is cut      30      Image: Surrounding Unit is cut      Image: Surroundit is Surround		Less than 10 m from any building		6	
Forest type within 10 m of home  Deciduous  0  N/A    10 m of home  Mixed wood  >10 m  30		No, woodpile	5		
John of Home  Mixed wood  >10 m  30    Conferous  30  30    Lawn mowed. Wood Fence at rear.  30    Surface vegetation, combustible materials within 10 m of home and outbuildings  Well-drained lawn or non- combustible landscaping material  Grass surrounding unit is cut  0    Uncut grass or shrubs  30  30    Uncut grass or shrubs  30  30    Twigs, branches and tree needles on the ground  30  5    Clean yard, surroundings  0  5    Clean yard, surroundings  0  5    VARD/ 10-30 m from home  7  7    Type of Forest surround ing Home  Decideousi Maed Wood  Back yard is grass with some  10    Surface Vegetation around buildings  Twigs, branches, Needles on ground Scattered Aundant uncut grass or shrubs  Back yard is grass with some  10    Surface Vegetation around buildings  Twigs, branches, Needles on ground Scattered within 10-30 m of buildings  0  22    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  0  22    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  10  10	Forest type within	Deciduous		0	N/A
Conferous  John  John    Conferous  Image: State of the s	10 11 01 1101110	Mixed wood	>10 m	30	
Surface vegetation, combustible and rained lawn or non-combustible materials within 10 m of home and outbuildings  Well-drained lawn or non-combustible landscaping material  Grass surrounding unit is cut  0    Well-drained lawn or non-combustible materials within 10 m of home and outbuildings  Uncut grass or shrubs  30  0    Uncut grass or shrubs  Image: space sp		Coniferous	× 10 m	30	
Surface vegetation, combustible material    Well-drained lawn or non- combustible landscaping material    Grass surrounding unit is cut    0    0      Uncut grass or shrubs    30    30		Lawn mowed. Wood f	ence at rear	50	
Surface vegetation, combustible materials within 10 m of home and outbuildingsWell-drained lawn or non- combustible and scaping materialGrass surrounding unit is cut0Uncut grass or shrubsUncut grass or shrubs30Image: surface wegetation, combustibles. Clean yard, surroundings30Ember Accumulator Feature(s)Wood, various Clean yard, surroundings305Clean yard, surroundings0305VARD/10-30 m from too Surrounding HomeVARD within 10 m of home SCORE5VARD/10-30 m from too SurroundingsBack yard is grass with some0Surface Vegetation around buildingsDecidious Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsDecidious Surrace Vegetation forest to north across5 some some0Surface Vegetation forest to north acrossS some022Surface Vegetation forest (conting separated continuousNone within 10-30 m of buildings022Surface Vegetation forest (within 2 m of ground)None within 10-30 m of buildings022Surrounding forestNone within 10-30 m of buildings0Surrounding forestNone within 10-30 m of buildings10Surrounding forestAbundant within 10-30 m of buildings1010Surrounding forestAbundant within 10-30 m of buildings1010					
combustible materials outbuildings      combustible landscaping material      surrounding unit is cut      surrounding unit is cut        Image: Combustible landscaping material      Image: Combustible landscaping material      30      Image: Combustible landscaping        Image: Combustible landscaping material      Image: Combustible landscaping      Image: Combustible landscaping      30        Image: Combustible landscaping material      Image: Combustible landscaping      Image: Combustible landscaping      Image: Combustible landscaping      Image: Combustible landscaping        Image: Combustible landscaping material      Wood, various combustibles. Combustibles. Clean yard, surroundings      Image: Combustible landscaping      Image: Com	Surface vegetation,	Well-drained lawn or non-	Grass	0	0
autholing of the factor of controlunit is cutunbuildingsUncut grass or shrubs30Twigs, branches and tree needels on the ground30Twigs, branches and tree needels on the ground30Ember Accumulator Feature(s)Wood, various combustibles. Clean yard, surroundings30Clean yard, surroundings0United number of combustibles, Clean yard, surroundings0Type of Forest Surrounding HomeDeciduous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsDeciduous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsImage: surface decision ground Sattered Abundant Uncut grass or shrubsSome some10Surface Vegetation around buildingsNone within 10-30 m Scattered within 10-30 m of buildings022Surface (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings022	combustible materials within 10 m of home and	combustible landscaping	surrounding		
Induct grass or shrubsInduct grass or shrubsInduct grass or shrubsInduct grass or shrubsImage: Shrubs and tree meedles on the groundImage: Shrubs and low branches (within 10 and me grant within 10-30 m of ground) in surrounding forestImage: Shrubs and low branches (within 10-30 m of ground) in surrounding forestImage: Shrubs and low branches (within 10-30 m of ground) in surrounding forestImage: Shrubs and low branches (within 10-30 m of bran	outbuildings		unit is cut		
Twigs, branches and tree needles on the ground30Ember Accumulator Feature(s)Wood, various combustibles. Clean yard, surroundings305Vacumulator Feature(s)Uimited number of combustibles, Clean yard, surroundings05VARD / 10-30 m from Surface Vegetation around buildingsVARD within 10 m of home SCORE5Surface Vegetation around buildingsDecideous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsTrype, Franches, Needles on ground Scattered Abundant Urcut grass or shrubsForest to north across5 a a0Shrubs and low branches (within 10-30 m of ground) in surrounding forestNone within 10-30 m of buildings0 scattered within 10-30 m of buildings22Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings0 scattered within 10-30 m of buildings22Shrubs and low branches (within 10-30 m of buildingsNone within 10-30 m of buildings0 scattered within 10-30 m of buildings5Abundant within 10-30 m of buildings101022		Uncut grass or shrubs		30	
Image: matrix for the second secon		Twigs, branches and tree needles on the ground		30	
Ember Accumulator Feature(s)Wood, various combustibles. Clean yard, surroundings305Clean yard, surroundings0Limited number of combustibles, mostly next to unit -0YARD/10-30 m from homeType of Forest Surrounding HomeDeciduous Mixed WoodSurface Vegetation around buildingsDeciduous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsBack yard is grass with some0Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsSome blackberry; 3010Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings0Scattered Abundant within 10-30 m of buildingsScattered within 10-30 m of buildings0Abundant within 10-30 m of buildings1022					
Accumulator Feature(s)    combustibles. Clean yard, surroundings    o      Limited number of combustibles, wostly next to unit -    Image: Comparison of the comparison	Ember	Wood, various		30	5
Feature(s)Clean yard, surroundings0Limited number of combustibles, worthy next to unit	Accumulator	combustibles.			
Limited number of combustibles, mostly next to unit -    YARD within 10 m of home SCORE    5      YARD/10-30 m from home    Peciduous    Back yard is grass with 10    0      Surrounding Home    Mixed Wood    Back yard is grass with 10    0      Surface Vegetation within 10-30 m of home    Conifer Separated Continuous    Some    10      Surface Vegetation around buildings    Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs    Forest to north across 5    5      Shrubs and low branches (within 2 m of ground) in surrounding forest    None within 10-30 m of buildings    0    22      Shrubs and low buildings    None within 10-30 m of buildings    10    10    22      Shrubs and low branches (within 2 m of ground) in surrounding forest    Scattered within 10-30 m of buildings    10    10      YARD vibin 2 m of ground) in surrounding forest    Abundant within 10-30 m of buildings    10    22	Feature(s)	Clean yard, surroundings		0	
VARD/ 10-30 m from homeSome		Limited number of combustibles,	mostly next to unit -		
YARD/ 10-30 m from home    Deciduous    Back yard is    0      Type of Forest Surrounding Home    Deciduous    Mixed Wood    grass with    10      Surface Vegetation within 10-30 m of home    Conifer Separated Continuous    Some    10    10      Surface Vegetation around buildings    Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs    Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs    forest to north across Bute Cres.    5      Shrubs and low branches (within 2 m of ground) in surrounding forest    None within 10-30 m of buildings    0    22      Abundant within 10-30 m of buildings    Scattered within 10-30 m of buildings    10    10			YARD within 10	0 m of home SCORE	5
Type of Forest Surrounding HomeDeciduous Mixed WoodBack yard is grass with some0 10Surface Vegetation within 10-30 m of homeConifer Separated ContinuousBack yard is grass with some0 10Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across5 30 30Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings022Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings1022Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings1022	YARD/ 10-30 m from	n home			
Surrounding HomeMixed Woodgrass with grass with10Surface Vegetation within 10-30 m of homeConifer Separated Continuoussome10Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across10Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildingsImage: Scattered within 10-30 m of buildings0Surface Vegetation around buildingsScattered within 10-30 m of buildings1022Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings010Surface Vegetation Abundant within 10-30 m of buildings101022	Type of Forest	Deciduous	Back yard is	0	
Surface Vegetation within 10-30 m of homeConifer Separated ContinuousSome10Surface Vegetation around buildingsIwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across10Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m buildingsLettered Abundant Uncut grass or shrubsLettered Abundant Uncut grass or shrubsImage: Some building buil	Surrounding Home	Mixed Wood	grass with	10	
10-30 m of homeSeparated Continuousblackberry; forest to north across30Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across5 30 10Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m buildings022Abundant within 10-30 m of ground) in surrounding forestNone within 10-30 m of buildings010Abundant within 10-30 m of buildings101022	Surface Vegetation within	Conifer	some	10	
Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across Bute Cres.5 30 1022Image: Strubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m Scattered within 10-30 m of buildingsImage: Strubs0Image: StrubsShrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildingsImage: StrubsImage: Strubs0Scattered within 10-30 m of buildingsScattered within 10-30 m of buildingsImage: Strubs10Image: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: Strubs10Image: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: StrubsImage: StrubsImage: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: StrubsImage: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: StrubsImage: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: Strub	10-30 m of home	Continuous	blackberry;	30	
Solution vogetation around buildings  Indigs, buildings, necurs of ground Scattered Abundant Uncut grass or shrubs  north across Bute Cres.  5 30 10    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m Scattered within 10-30 m of buildings  0    Abundant within 10-30 m of buildings  Scattered within 10-30 m of buildings  10    Abundant within 10-30 m of buildings  10    YARD (10-30M) SCORE  22	Surface Vegetation	Twigs Branches Needles on ground	forest to		
Abundant Uncut grass or shrubsBute Cres.30 1022Image: Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m Scattered within 10-30 m of buildings0Image: Shrubs Scattered within 10-30 m Scattered within 10-30 m of buildings0Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m Scattered within 10-30 m of buildings0Image: ShrubsSurrounding forestAbundant within 10-30 m of buildings1010Image: ShrubsSurrounding forestScattered within 10-30 m of buildings1010	around buildings	Scattered	north across	5	
Image: Sector structure  Image: Sector structure    Image: Sector structure  Image: Sector structure    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m Scattered within 10-30 m of buildings  Image: Object of structure    Abundant within 10-30 m of buildings  Image: Sector structure  Image: Sector structure    Abundant within 10-30 m of buildings  Image: Sector structure  Image: Sector structure    YARD (10-30M) SCORE  Image: Sector structure  Image: Sector structure		Abundant Uncut grass or shrubs	Bute Cres.	30	22
Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  0    Abundant within 10-30 m of buildings  5    Abundant within 10-30 m of buildings  10    YARD (10-30M) SCORE  22				10	
branches (within 2 m of ground) in surrounding forest Scattered within 10-30 m of buildings Abundant within 10-30 m of buildings 10-30 m of buildings 10-30 m of buildings 10-30 m of buildings 10-30 m of 20	Shrubs and low	None within 10-30 m		0	
of ground) in surrounding forest    Scattered within 10-30 m of buildings    5      Abundant within 10-30 m of buildings    10    10      VARD (10-30M) SCORE    22	branches (within 2 m				
surrounding forest  buildings  5    Abundant within 10-30 m of buildings  10    YARD (10-30M) SCORE  22	of ground) in	Scattered within 10-30 m of		5	
Abundant within 10-30 m of 10 10 YARD (10-30M) SCORE 22	surrounding forest	มนแนแหร		ر ا	
YARD (10-30M) SCORE 22		Abundant within 10-30 m of		10	
		Dunumgs	YARD (10	)-30M) SCORF	22

SITE					
Zone 1 (and 0 to 1.5 m)/ Home		Home		16	
Yard		10 m from ho	ome	5	
Zone 2 / Yard (10-30 m)		10-30 m from	home	22	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35 Home and Property Assessment: Home: Low; Surrounding Yard Area: <b>Low</b>					
Other Features					
Driveway Access	Paved drivew	vay; flat			
Signposting	Not fluroscer	nt	Consider fluores	scent address sign	
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.			
Emergency Response Plan	Did not dete	rmine	Develop ERP in o Homalko	conjunction with	
Smoke Alarms	??		Smoke alarms sl regularly tested	hould be installed and	
Other					

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

## #2 - 1280 Bute Cres.



Address signage visible; Zone 1a and Zone 1 relatively clear



15	Home &	<b>Property Assess</b>	sment	
Address: #3-1280 E	Bute Cres., Homalko Nam	e: Percy Wilson	Ph: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR		
Nelson Blaney accor	mpanied me on assessmen	ıt		
Feature	•	Zo	ne 1	
Structure Location	Middle unit in single-stor	rev 4-plex		
	0	- /		
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	5
	Veg fairly well maintained, so	ome outside furnitu	re	<u> </u>
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0	
101112/201110100	Combustible Vegetation and/or	other Fuel	30	5
	Δ/Δ· mostly clear of combust	tihles	50	
Roofing Material	Metal, clay tile, asphalt shingle or	ULC-rated shakes	0	0
	Unrated wood shakes		20	0
Roof Cleanliness	No needles, leaves, or other	Some moss	50	0
ROOI Cleaniness	combustible material	window	U	0
	Scattering of needles and leaves		2	
	Clogged gutters & extensive		3	
	leaves	Cuttors look ok		
	Non combustible material			
Home Exterior	stucco, metal siding or brick		0	
	Logs or heavy timbers		1	
	Wood, vinyl siding, wood shakes	vinyl	6	6
			-	-
Windows and doors	Tempered glass in all		0	
	doors/windows		Ŭ,	
	Double-pane glass –		1	1
	m x 1 m)			
	Single-pane glass –		2	
	small/medium (smaller than 1			
	Single-pane glass –		2	
	small/medium (< than 1m x 1m)		2	
	Single-pane glass – large		4	
	(greater than 1 m X 1 m)			
Eaves and Vents	Closed eaves. vents screened		0	0
	with 3 mm wire mesh		0	0
	Closed eaves, vents without		1	
	Mesh Open eaves vents not screened		6	
	Chock that crawl spaces are cl		0	
Chinanaa	If chimney present spark			
Chimney	arrestor	N/A		
		·	·	
Balcony, deck, porch,	Sheathed, with fire-resistant	N/A	0	
or open foundation	materials			
	Sheathed w combustible materials		2	
	Not sheathed		6	
			0	

Position wrt slope  Building located on bottom or lower portion of hill flat  0  0    Halliding located on mid - upper portion of a hill or creat of hill flat  6  17    YARD/ within 10 m of home  0  0    Outbuildings  More than 10 m from home  0  0    Outbuildings  More than 10 m from home  0  0    Woodpile  Less than 10 m from nome  0  0    Woodpile  More than 10 m from nome  0  0    Woodpile  Less than 10 m from nome  0  0    Berddouts  0  N/A  0    Deciduous  0  N/A  0    Deciduous  0  N/A  0    Confiderous  0  N/A  0    Surface wegetation, combustible interional material  Grass  0  0    Surface wegetation, combustible interional material  Grass  0  0    Uncut grass or shrubs  30  1  1    Ember  Wood, various  30  5    Accumulator readels on the ground  Surface wegetation, combustibles, mather soft next to unft -  0    Uncut grass or shrubs  30  5  1    Surface wegetation, combustibles, mather soft next to unft -  0  2		Combustibles above and below de			
bilding located on mid - upper proton of a hill or creat of hill I fat  Image: mathematical structure of the stru	Position wrt slope	Building located on bottom or lower portion of hill		0	0
flat      HOME SCORE      17        VARD/ within 10 m of home      0      0        Outbuildings      More than 10 m from home      0      0        Less than 10 m from home      6      0      0        Woodpile      More than 10 m from any building      N/A      0      0        Woodpile      More than 10 m from any building      N/A      0      0        Forest type within 10 m of home      Deciduous      0      N/A        Surface wagetation, combuctibe matrixible landscaping material      Now woodple      0      0        Surface wagetation, combuctibe matrixible landscaping material      Grass surrounding surrounding surroundings      0      0        Uncut grass or shrubs      Grass combustible matrixible landscaping material      300      1        Wood, various combustible matrixible and tree needees on the ground      30      5      1        Feature(s)      Uncut grass or shrubs      30      5      1        More than 10 m of nome and outbuildings      0      5      1      1        Uncut grass or shrubs      a0      5      2      2        More than 10 more combu		Building located on mid - upper portion of a hill or crest of hill		6	
YARD/within 10 m of home  HOME SCORE  17    Outbuildings  More than 10 m from home  0  0    Uses than 10 m from home  6  0    Woodpile  More than 10 m from any building  N/A  0    Woodpile  More than 10 m from any building  N/A  0    Forest type within 10 m of home  Deciduous  0  N/A    10 m of home  Mixed wood  >10 m  30    Combustible matiscaping within 10 m of nome and outbuildings  VID m  30		flat			
YARD/ within 10 m of home  Image: mode of home  Image: mode of home    Outbuildings  More than 10 m from home  0  0    Less than 10 m from home  6  0    Woodpile  More than 10 m from any building  N/A  0    Uses than 10 m from any building  N/A  0  0    Less than 10 m from any building  N/A  0  0    Forest type within 10 m of home  Deciduous  0  N/A    Forest type within 10 m of home  Deciduous  0  N/A    Conferous  0  N/A  0    Surface wegetation, combustible andscaping within 10 m of home and autbuildings  Surface wegetation, combustible andscaping within 10 m of home and autbuildings  Grass surrounding unit is cut  30    Surface wegetation, combustible andscaping within 10 m of home and autbuildings  Well-drained lawn or non-combustible andscaping within 10 m of home and autbuildings  30  0    Uncut grass or shrubs  Image: marked surrounding unit is cut  30  0  0    Ember  Wood, various constraids  30  5  0  0    Accumulator  Clean yard, surrounding grass with 10 m of home SCORE  5  5    YARD /10-30 m from home  Surface Wegetation within 10-30 m of buildings  0  0    Surface Vegetat				HOME SCORE	17
Outbuildings      More than 10 m from home      0      0        Less than 10 m from home      6	YARD/ within 10 m o	of home			
Less than 10 m from home  6    Woodpile  More than 10 m from any building  N/A  0    Less than 10 m from any building  N/A  0    Less than 10 m from any building  No, woodpile  0    Forest type within 10 m of home  Deciduous  0    Mixed wood  >10 m  30    Conferous  30  0    Surface vegetation, combustible and scaping material  Grass surrounding unit is cut  0    Weid, various  30  0    Wood, various  30  0    Ember  300  0    Ketter expectation, combustible andscaping material  Grass surrounding unit is cut  0    Uncut grass or shrubs  30  0    Twigs, branches and tree needles on the ground  30  5    Clean yard, surroundings  0  5    United number of combustibles, Clean yard, surroundings  0  5    Surface Vegetation around buildings  Back yard is grass with 10  10    Surface Vegetation around buildings  None within 10-30 m blackberry; 300  10    Surface Vegetation around buildings  None within 10-30 m of buildings  5    Surface Vegetation around buildings  None within 10-30 m of buildings  5    Surface Vegetation around buildings <td>Outbuildings</td> <td>More than 10 m from home</td> <td></td> <td>0</td> <td>0</td>	Outbuildings	More than 10 m from home		0	0
Woodpile  More than 10 m from any building  N/A  0    Less than 10 m from any building  No, woodpile  6    Forest type within 10 m of home  Deciduous  0  N/A    Mixed wood  >10 m  30		Less than 10 m from home		6	
Woodpile      More than 10 m from any building      N/A      0        Less than 10 m from any building      Less than 10 m from any building      6        No, woodpile      0      N/A        Forest type within 10 m from any building      Deciduous      0      N/A        If on of home      Mixed wood      >10 m      30					
Less than 10 m from any building  Less than 10 m from any building  Image: state of the state	Woodpile	More than 10 m from any building	N/A	0	
Image: No, woodpile      Image: No, woodpile      Image: No, woodpile      Image: No, woodpile        Forest type within 10 m of home      Deciduous      0      N/A        Image: No, woodpile      No      30      Image: No        Coniferous      Image: No      30      Image: No        Coniferous      Image: No      30      Image: No        Surface vegetation, combustible landscaping material      Vell-drained lawn or non-combustible landscaping material      Grass surrounding unit is cut      0      0        ustudidings      Uncut grass or shrubs      Image: Surrounding unit is cut      30      Image: Surrounding unit is cut      0        ustudidings      Uncut grass or shrubs      Image: Surrounding Unit is cut      30      Image: Surrounding Unit is cut      Image: Surroundit is Surround		Less than 10 m from any building		6	
Forest type within 10 m of home  Deciduous  0  N/A    10 m of home  Mixed wood  >10 m  30		No, woodpile	5		
John of Home  Mixed wood  >10 m  30    Conferous  30  30    Lawn mowed. Wood Fence at rear.  30    Surface vegetation, combustible materials within 10 m of home and outbuildings  Well-drained lawn or non- combustible landscaping material  Grass surrounding unit is cut  0    Uncut grass or shrubs  30  30    Uncut grass or shrubs  30  30    Twigs, branches and tree needles on the ground  30  5    Clean yard, surroundings  0  5    Clean yard, surroundings  0  5    VARD/ 10-30 m from home  7  7    Type of Forest surround ing Home  Decideousi Maded Wood  Back yard is grass with some  10    Surface Vegetation around buildings  Twigs, branches, Needles on ground Scattered Aundant uncut grass or shrubs  Back yard is grass with some  10    Surface Vegetation around buildings  Twigs, branches, Needles on ground Scattered within 10-30 m of buildings  0  22    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  0  22    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  10  10	Forest type within	Deciduous		0	N/A
Conferous  John  John    Conferous  Image: State of the s	10 11 01 1101110	Mixed wood	>10 m	30	
Surface vegetation, combustible and rained lawn or non-combustible materials within 10 m of home and outbuildings  Well-drained lawn or non-combustible landscaping material  Grass surrounding unit is cut  0    Well-drained lawn or non-combustible materials within 10 m of home and outbuildings  Uncut grass or shrubs  30  0    Uncut grass or shrubs  Image: space sp		Coniferous	× 10 m	30	
Surface vegetation, combustible material    Well-drained lawn or non- combustible landscaping material    Grass surrounding unit is cut    0    0      Uncut grass or shrubs    30    30		Lawn mowed. Wood f	ence at rear	50	
Surface vegetation, combustible materials within 10 m of home and outbuildingsWell-drained lawn or non- combustible and scaping materialGrass surrounding unit is cut0Uncut grass or shrubsUncut grass or shrubs30Image: surface wegetation, combustibles. Clean yard, surroundings30Ember Accumulator Feature(s)Wood, various Clean yard, surroundings305Clean yard, surroundings0305VARD/10-30 m from too Surrounding HomeVARD within 10 m of home SCORE5VARD/10-30 m from too SurroundingsBack yard is grass with some0Surface Vegetation around buildingsDecidious Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsDecidious Surrace Vegetation forest to north across5 some some0Surface Vegetation forest to north acrossS some022Surface Vegetation forest (conting separated continuousNone within 10-30 m of buildings022Surface Wegetation forest (within 2 m of ground)None within 10-30 m of buildings022Surrounding forestNone within 10-30 m of buildings0Surrounding forestNone within 10-30 m of buildings0Surrounding forestAbundant within 10-30 m of buildings1010Surrounding forestAbundant within 10-30 m of buildings1010Surrounding forestAbundant within 10-30					
combustible materials outbuildings      combustible landscaping material      surrounding unit is cut      surrounding unit is cut        Image: Combustible landscaping material      Image: Combustible landscaping material      30      Image: Combustible landscaping        Image: Combustible landscaping material      Image: Combustible landscaping      Image: Combustible landscaping      30        Image: Combustible landscaping material      Image: Combustible landscaping      Image: Combustible landscaping      Image: Combustible landscaping      Image: Combustible landscaping        Image: Combustible landscaping material      Wood, various combustibles. Combustibles. Clean yard, surroundings      Image: Combustible landscaping      Image: Com	Surface vegetation,	Well-drained lawn or non-	Grass	0	0
autholing of the factor of controlunit is cutunbuildingsUncut grass or shrubs30Twigs, branches and tree needels on the ground30Twigs, branches and tree needels on the ground30Ember Accumulator Feature(s)Wood, various combustibles. Clean yard, surroundings30Clean yard, surroundings0United number of combustibles, Clean yard, surroundings0Type of Forest Surrounding HomeDeciduous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsDeciduous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsImage: surface decision ground Sattered Abundant Uncut grass or shrubsSome some10Surface Vegetation around buildingsNone within 10-30 m Scattered within 10-30 m of buildings022Surface (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings022	combustible materials within 10 m of home and	combustible landscaping	surrounding		
Induct grass or shrubsInduct grass or shrubsInduct grass or shrubsInduct grass or shrubsImage: Shrubs and tree meedles on the groundImage: Shrubs and low branches (within 10 and me grant within 10-30 m of ground) in surrounding forestImage: Shrubs and low branches (within 10-30 m of ground) in surrounding forestImage: Shrubs and low branches (within 10-30 m of ground) in surrounding forestImage: Shrubs and low branches (within 10-30 m of bran	outbuildings		unit is cut		
Twigs, branches and tree needles on the ground30Ember Accumulator Feature(s)Wood, various combustibles. Clean yard, surroundings305Vacumulator Feature(s)Uimited number of combustibles, Clean yard, surroundings05VARD / 10-30 m from Surface Vegetation around buildingsVARD within 10 m of home SCORE5Surface Vegetation around buildingsDecideous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsTrype, Franches, Needles on ground Scattered Abundant Urcut grass or shrubsForest to north across5 a a0Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m buildings0 scattered abundant within 10-30 m of buildings22Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings0 scattered abundant within 10-30 m of buildings22Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings10VARD (10-30MI) SCORE22		Uncut grass or shrubs		30	
Image: matrix for the second secon		Twigs, branches and tree needles on the ground		30	
Ember Accumulator Feature(s)Wood, various combustibles. Clean yard, surroundings305Clean yard, surroundings0Limited number of combustibles, mostly next to unit -0YARD/10-30 m from homeType of Forest Surrounding HomeDeciduous Mixed WoodSurface Vegetation around buildingsDeciduous Mixed WoodBack yard is grass with some0Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsBack yard is grass with some0Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsSome blackberry; 3010Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings0Scattered Abundant within 10-30 m of buildingsScattered within 10-30 m of buildings0Abundant within 10-30 m of buildings1022					
Accumulator Feature(s)    combustibles. Clean yard, surroundings    o      Limited number of combustibles, wostly next to unit -    Image: Comparison of the comparison	Ember	Wood, various		30	5
Feature(s)Clean yard, surroundings0Limited number of combustibles, worthy next to unit	Accumulator	combustibles.			
Limited number of combustibles, mostly next to unit -    YARD within 10 m of home SCORE    5      YARD/10-30 m from home    Peciduous    Back yard is grass with 10    0      Surrounding Home    Mixed Wood    Back yard is grass with 10    0      Surface Vegetation within 10-30 m of home    Conifer Separated Continuous    Some    10      Surface Vegetation around buildings    Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs    Forest to north across 5    5      Shrubs and low branches (within 2 m of ground) in surrounding forest    None within 10-30 m of buildings    0    22      Shrubs and low buildings    None within 10-30 m of buildings    10    10    22      Shrubs and low branches (within 2 m of ground) in surrounding forest    Scattered within 10-30 m of buildings    10    10      YARD vibin 2 m of ground) in surrounding forest    Abundant within 10-30 m of buildings    10    22	Feature(s)	Clean yard, surroundings		0	
VARD/ 10-30 m from homeSome		Limited number of combustibles,	mostly next to unit -		
YARD/ 10-30 m from home    Deciduous    Back yard is    0      Type of Forest Surrounding Home    Deciduous    Mixed Wood    grass with    10      Surface Vegetation within 10-30 m of home    Conifer Separated Continuous    Some    10    10      Surface Vegetation around buildings    Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs    Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs    forest to north across Bute Cres.    5      Shrubs and low branches (within 2 m of ground) in surrounding forest    None within 10-30 m of buildings    0    22      Abundant within 10-30 m of buildings    Scattered within 10-30 m of buildings    10    10      YARD (10-30M) SCORE    22			YARD within 10	0 m of home SCORE	5
Type of Forest Surrounding HomeDeciduous Mixed WoodBack yard is grass with some0 10Surface Vegetation within 10-30 m of homeConifer Separated ContinuousBack yard is grass with some0 10Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across5 30 30Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings022Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings1022Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings1022	YARD/ 10-30 m from	n home			
Surrounding HomeMixed Woodgrass with grass with10Surface Vegetation within 10-30 m of homeConifer Separated Continuoussome10Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across10Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildingsImage: Scattered within 10-30 m of buildings0Surface Vegetation around buildingsScattered within 10-30 m of buildings1022Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildings010Surface Vegetation Abundant within 10-30 m of buildings101022	Type of Forest	Deciduous	Back yard is	0	
Surface Vegetation within 10-30 m of homeConifer Separated ContinuousSome10Surface Vegetation around buildingsIwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across5Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m buildingsLettered Abundant Uncut grass or shrubsLettered Abundant Uncut grass or shrubsImage: Some building build	Surrounding Home	Mixed Wood	grass with	10	
10-30 m of homeSeparated Continuousblackberry; forest to north across30Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across5 30 10Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m buildings022Abundant within 10-30 m of ground) in surrounding forestNone within 10-30 m of buildings010Abundant within 10-30 m of buildings101022	Surface Vegetation within	Conifer	some	10	
Surface Vegetation around buildingsTwigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubsforest to north across Bute Cres.5 30 1022Image: Strubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m Scattered within 10-30 m of buildingsImage: Strubs0Image: StrubsShrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m of buildingsImage: StrubsImage: Strubs0Scattered within 10-30 m of buildingsScattered within 10-30 m of buildingsImage: Strubs10Image: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: Strubs10Image: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: StrubsImage: StrubsImage: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: StrubsImage: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: StrubsImage: StrubsImage: StrubsAbundant within 10-30 m of buildingsImage: StrubsImage: Strub	10-30 m of home	Continuous	blackberry;	30	
Solution vogetation around buildings  Indigs, buildings, necurs of ground Scattered Abundant Uncut grass or shrubs  north across Bute Cres.  5 30 10    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m Scattered within 10-30 m of buildings  0    Abundant within 10-30 m of buildings  Scattered within 10-30 m of buildings  10    Abundant within 10-30 m of buildings  10    YARD (10-30M) SCORE  22	Surface Vegetation	Twigs Branches Needles on ground	forest to		
Abundant Uncut grass or shrubsBute Cres.30 1022Image: Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m Scattered within 10-30 m of buildings0Image: Shrubs Scattered within 10-30 m Scattered within 10-30 m of buildings0Shrubs and low branches (within 2 m of ground) in surrounding forestNone within 10-30 m Scattered within 10-30 m of buildings0Image: ShrubsSurrounding forestAbundant within 10-30 m of buildings1010Image: ShrubsSurrounding forestScattered within 10-30 m of buildings1010	around buildings	Scattered	north across	5	
Image: Sector structure  Image: Sector structure    Image: Sector structure  Image: Sector structure    Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m Scattered within 10-30 m of buildings  Image: Object of structure    Abundant within 10-30 m of buildings  Image: Sector structure  Image: Sector structure    Abundant within 10-30 m of buildings  Image: Sector structure  Image: Sector structure    YARD (10-30M) SCORE  Image: Sector structure  Image: Sector structure		Abundant Uncut grass or shrubs	Bute Cres.	30	22
Shrubs and low branches (within 2 m of ground) in surrounding forest  None within 10-30 m of buildings  0    Abundant within 10-30 m of buildings  5    Abundant within 10-30 m of buildings  10    YARD (10-30M) SCORE  22				10	
branches (within 2 m of ground) in surrounding forest Scattered within 10-30 m of buildings Abundant within 10-30 m of buildings 10-30 m of buildings 10-30 m of buildings 10-30 m of buildings 10-30 m of 20	Shrubs and low	None within 10-30 m		0	
of ground) in surrounding forest    Scattered within 10-30 m of buildings    5      Abundant within 10-30 m of buildings    10    10      VARD (10-30M) SCORE    22	branches (within 2 m				
surrounding forest  buildings  5    Abundant within 10-30 m of buildings  10    YARD (10-30M) SCORE  22	of ground) in	Scattered within 10-30 m of		5	
Abundant within 10-30 m of 10 10 YARD (10-30M) SCORE 22	surrounding forest	มนแนแหร		ر ا	
YARD (10-30M) SCORE 22		Abundant within 10-30 m of		10	
		Dunumgs	YARD (10	)-30M) SCORF	22

SITE					
Zone 1 (and 0 to 1.5 m)/ Home		Home		16	
Yard		10 m from ho	ome	5	
Zone 2 / Yard (10-30 m)		10-30 m from	home	22	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35 Home and Property Assessment: Home: Low; Surrounding Yard Area: <b>Low</b>					
Other Features					
Driveway Access	Paved drivew	vay; flat			
Signposting	Not fluroscer	nt	Consider fluores	scent address sign	
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.			
Emergency Response Plan	Did not dete	rmine	Develop ERP in o Homalko	conjunction with	
Smoke Alarms	??		Smoke alarms sl regularly tested	hould be installed and	
Other					

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

## #3 – 1280 Bute Cres.



Garden furniture in Zone 1a could quickly be removed in the event of a fire



16	Home &	Property Assess	ment	
Address: #4-1280 E	Bute Cres., Homalko Nam	e: Cindy Jackett	Ph: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	ion RPC LFR		
Nelson Blaney accor	mpanied me on assessmen	nt		
Feature		Zo	ne 1	
Structure Location	Western, end unit in sing	gle-storey 4-plex		
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	5
	Veg fairly well maintained so	ome outside furnitu	re	5
HOME/10 metres	FireSmart Zone 10 m Around Str	ructure		
nome, io metres	Combustible Vegetation and/or	other Fuel	20	
	A /A: mostly clear of combust	tibloc	50	5
Roofing Material	Metal, clay tile, asphalt shingle or	ULC-rated shakes	0	0
	Unrated wood shakes		0	0
		Somo moss	30	
Roof Cleanliness	combustible material	window	0	0
	Scattering of needles and leaves		2	
	Clogged gutters & extensive		3	
	leaves			
		Gutters look ok	1	
Home Exterior	Non-combustible material,		0	
	Logs or heavy timbers		1	
	Wood, vinvl siding, wood shakes	vinvl	6	6
			0	0
Mindaus and deere	Tompored glass in all			
windows and doors	doors/windows		0	
	Double-pane glass –		1	1
	small/medium (smaller than 1			
	Single-pane glass –		2	
	small/medium (smaller than 1		2	
	m x 1 m)			
	single-parte glass – small/medium (< than 1m x 1m)		2	
	Single-pane glass – large		4	
	(greater than 1 m x 1 m)			
		1	1	
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh		0	0
	Closed eaves, vents without		1	
	mesh		-	
	Open eaves, vents not screened		6	
	Check that crawl spaces are cl	ean		
Chimney	If chimney present, spark arrestor	N/A		
Balcony, deck, porch,	Sheathed, with fire-resistant	N/A	0	
or open foundation	materials		Ŭ	
	Sheathed w combustible		2	
	Not sheathed		6	
		1		1

	Combustibles above and below de			
Position wrt slope	Building located on bottom or lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	17
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home		6	
		1		
Woodpile	More than 10 m from any building	N/A	0	
	Less than 10 m from any building		6	
	No, woodpile	2		
Forest type within	Deciduous		0	N/A
10 m of home	Mixed wood	>10 m	20	
	Coniferous	>10 m	30	
	Lown mowed Wood f		30	
	Lawn mowed. wood fence at rear.			
Surface vegetation,	Well-drained lawn or non-	Grass	0	0
combustible materials within 10 m of home and	combustible landscaping material	surrounding		
outbuildings	indecid.	unit is cut		
	Uncut grass or shrubs		30	
	Twigs, branches and tree needles on the ground		30	
Ember	Wood, various		30	5
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Limited number of combustibles,	mostly next to unit -		
		YARD within 10	0 m of home SCORE	5
YARD/ 10-30 m from	n home			
Type of Forest	Deciduous	Back yard is	0	
Surrounding Home		grass with	10	
Surface Vegetation within	Conifer	some	10	
10-30 m of home	Continuous	blackberry;	30	
Surface Vegetation	Twigs, Branches, Needles on ground	forest to		
around buildings	Scattered	north across	5	
	Abundant Uncut grass or shrubs	Bute Cres.	30	22
			10	
Shrubs and low	None within 10-30 m		0	
branches (within 2 m				
of ground) in	scattered within 10-30 m of buildings		5	
surrounding forest				
	Abundant within 10-30 m of buildings		10	
		YARD (10	-30M) SCORE	22

SITE					
Zone 1 (and 0 to 1.5 m)/ Home		Home		16	
Yard		10 m from ho	ome	5	
Zone 2 / Yard (10-30 m)		10-30 m from	home	22	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35 Home and Property Assessment: Home: Low; Surrounding Yard Area: Low					
Other Features					
Driveway Access	Paved drivew	vay; flat			
Signposting	Not fluroscer	nt	Consider fluores	scent address sign	
Fire Fighting Equipment: hose, shovel, ladder	Outdoor faud	cet. Hose.			
Emergency Response Plan	Did not deter	rmine	Develop ERP in Homalko	conjunction with	
Smoke Alarms	??		Smoke alarms s regularly tested	hould be installed and	
Other					

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas immediately around home and up to 10 m away clear of combustibles and debris
- 2) Ensure smoke alarms are installed; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

## #4 - 1280 Bute Cres.



Clear and clean Zone 1a and Zone 1!



1	Home & F	Property Assessn	nent	
Address: 1310 Bute	e Cres., Homalko Name: D	onna Hanson Pl	n: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR, Mel	issa Hackett	
Feature		Zor	าе 1	
Structure Location	SF Home on Bute Cresce	nt. Address parti	ally hidden by light fix	ture.
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	20
	High amount combustibles s	urrounding home: ta	ll grass, cedar bark, etc.	
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0	
	Combustible Vegetation and/or	other Fuel	30	20
-	A/A; high amount of combus	tibles: tall grass, woo	od pile, cedar bark	
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other combustible material	Some moss window exterior frames	0	1
	Scattering of needles and leaves		2	
	Clogged gutters & extensive leaves		3	
		1		
Home Exterior	Non-combustible material, stucco, metal siding or brick		0	
	Logs or heavy timbers		1	
	Wood, vinyl siding, wood shakes	vinyl	6	6
		1	1	
Windows and doors	Tempered glass in all doors/windows		0	
	Double-pane glass – small/medium (smaller than 1 m x 1 m)		1	1
	Single-pane glass – small/medium (smaller than 1 m x 1 m)		2	
	Single-pane glass – small/medium (< than 1m x 1m)		2	
	Single-pane glass – large (greater than 1 m x 1 m)		4	
		•	•	
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh		0	0
	Closed eaves, vents without mesh		1	
	Open eaves, vents not screened		6	
	Check that crawl spaces are cle	ean		
Chimney	If chimney present, spark arrestor	Yes, present		
Balcony, deck, porch, or open foundation	Sheathed, with fire-resistant materials	Sheathed, but combustibles stored on porch, and below	0	

	Sheathed w combustible		2	
	Not sheathed		6	6
	Combustibles above and below de	l ck	0	0
Position wrt slone	Building located on bottom or		0	0
Position wit slope	lower portion of hill		0	0
	Building located on mid - upper		6	
	flat			
			HOME SCORE	54
VARD/within 10 m c	l		HOME SCORE	54
Outhuildings	More than 10 m from home		0	0
Outbuildings	Less than 10 m from home		6	0
	No outbuildings		0	
	No outpullaings			
Woodpile	More than 10 m from any building		0	
	Less than 10 m from any		6	6
	building			
	Yes, woodpile			
Forest type within	Deciduous		0	
10 m of home				
	Mixed wood		30	
	Coniferous		30	
	Tall grass surrounds home.			
Surface vegetation, combustible materials within 10 m of home and outbuildings	Well-drained lawn or non- combustible landscaping material		0	
	Uncut grass or shrubs		30	20
	Twigs, branches and tree		30	
	needles on the ground			
		1		
Ember	Wood, various		30	20
Accumulator	combustibles.			
Feature(s)	Clean yard, surroundings		0	
	Combustibles surround home. Tall	grass in yard.		
		YARD within 10	0 m of home SCORE	46
YARD/ 10-30 m from	n home			
Type of Forest Surrounding Home	Deciduous Mixed Wood		0 10	
Surface Vegetation within 10-30 m of home	Conifer Separated Continuous		10 30	
Surface Vegetation around buildings	Twigs, Branches, Needles on ground Scattered Abundant Uncut grass or shrubs		5 30 10	20
Shrubs and low	None within 10-30 m		0	
branches (within 2 m of ground) in surrounding forest	Scattered within 10-30 m of buildings		5	

				1		
	Abundant within 2	10-30 m of				
	buildings				10	
			YARD (10	)-30M) S	CORE	30
SITE						
Zone 1 (and 0 to 1.5	m)/ Home			Home		54
Yard			10 m <sup>-</sup>	from hoi	me	46
Zone 2 / Yard (10-30	) m)		10-30 n	n from h	ome	20
Hazard scor	e: Low: < 21	Moderate: 2	21-29 High:	30-35	Extreme: >	> 35
Home and Property Assessment: Home: Extreme; Surrounding Yard Area: High - Extreme				eme		
Other Features						
		Daviad driviou				
Driveway Access		Paved drivew	vdy			
Signposting		Address sign	age partially obscure	ed by	Consider fluores	cent address sign
		light fixture.	Not fluroscent			
Fire Fighting Equipment:	hose, shovel,	Outdoor fau	cet. Hose.			
ladder						
Emergency Response Pla	in	Did not deter	rmine		Develop ERP in o	conjunction with
					Homalko	
Smoke Alarms		??			Smoke alarms sh	nould be installed all
					floors, and regul	arly tested

#### Other

Comments: Good to see spark arrestor

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.



1310 Bute Cres. Address partially obscured by light fixture.



Great to see spark arrestor on chimney.
1 Home & Property Assessment						
Address: 1334 Bute	e Cres., Homalko Name: N	Viarina Hackett P	h: Email:			
Date: Sept 24 2018 Assessors: Margaret Symon RPC LFR, Melissa Hackett						
Fosturo	licipated in the assessment	l. 	no 1			
Structure Leastion	SE Llama an Buta Crasa	ZUI	ie I	tion bosido bouso		
Structure Location	SF Home on Bute Cresce	nt. Address partia	ally hidden by vegeta	tion beside nouse		
HOME/1.5 metres				Actual Score		
	FireSmart zone immediately aro	und structure	0			
	Combustibles, long grass, fuel co	ontainers, etc.	30	20		
	High amount combustibles s	urrounding home				
HOME/10 metres	FireSmart Zone 10 m Around Str	ructure	0			
	Combustible Vegetation and/or	other Fuel	30	30		
	A/A; high amount of combus	tibles: carpets, cardb	board, vegetation (bushes,	, tall grass),		
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0		
	Unrated wood shakes		30			
Roof Cleanliness	No needles, leaves, or other	Clean	0			
	combustible material	Some moss N side	2	2		
	Clogged gutters & extensive		2	Ζ		
	leaves		5			
Home Exterior	Non-combustible material, stucco, metal siding or brick		0			
	Logs or heavy timbers		1			
	Wood, vinyl siding, wood shakes	vinyl	6	6		
Windows and doors	Tempered glass in all doors/windows		0			
	Double-pane glass –		1	1		
	small/medium (smaller than 1					
	Single-pane glass –		2			
	small/medium (smaller than 1		2			
	m x 1 m)		2			
	small/medium (< than 1m x 1m)		2			
	Single-pane glass – large		4			
	(greater than 1 m x 1 m)					
Favor and Vanta	Closed eaves vents screened		0	0		
Eaves and vents	with 3 mm wire mesh		0	0		
	Closed eaves, vents without		1			
	Open eaves, vents not screened		6			
	Check th:	l at crawl spaces are cl	lean			
Chimney	If chimney present. spark					
	arrestor					
	Did not assess					
Balcony, deck, porch,	Sheathed, with fire-resistant	Sheathed, but	0			
or open toundation	materials	combustibles				
		and below				

	Sheathed w combustible		2	
	Not sheathed		6	6
	High amount of combustibles on o	deck, and below deck	0	0
Position wrt slope	Building located on bottom or		0	0
1 Osition wit slope	lower portion of hill		0	0
	Building located on mid - upper portion of a hill or crest of hill		6	
	flat			
			HOME SCORE	65
YARD/ within 10 m (	of home			
Outbuildings	More than 10 m from home		0	0
0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Less than 10 m from home		6	
	Vard wood fence		Ŭ	
	More than 10 m from any			0
woodplie	building		0	0
	Less than 10 m from any		6	
	Ne			
Forest type within	Deciduous		0	
10 m of home			0	
	Mixed wood		30	
	Coniferous		30	10
	Grass; back yard does not i	nterface directly		
	with forest. Scattered conif	fers beside home		
	should be pruned.			
Surface vegetation,	Well-drained lawn or non-		0	0
within 10 m of home and	combustible landscaping material			
outbuildings				
	Uncut grass or shrubs		30	5
	Twigs, branches and tree		30	
	needles on the ground			
Embor	Wood various		20	20
Accumulator	combustibles.		50	50
Footuro(s)	Clean vard, surroundings		0	
reature(s)	Multiple combustibles immediate	ly surrounding home. C	onifers surrounding home	
	along side.			
		YARD within 1	0 m of home SCORE	45
YARD/ 10-30 m from	n home		•	
Type of Forest	Deciduous Mixed Wood		0	
			10	
Surface Vegetation within	Conifer Separated	Conifer, sep	10	
10-30 m of home	Continuous	to	30	
Surface Vegetation	Twigs, Branches, Needles on ground	continuous,		
around buildings	Scattered	E side	5	
	Uncut grass or shrubs		30 10	20
Shrubs and low	None within 10-30 m		0	
branches (within 2 m	Coattored within 10 20 m of		-	
of ground) in	Scattered within 10-30 m of		1	1

surrounding forest	buildings			5	5	
	Abundant within 1 buildings	10-30 m of		10		
			YARD (10	-30M) SCORE	30	
SITE						
Zone 1 (and 0 to 1.5	m)/ Home		ŀ	lome	65	
Yard			10 m f	rom home	45	
Zone 2 / Yard (10-30	) m)		10-30 m	n from home	25	
Hazard scor	e: Low: < 21	woderate: 2	21-29 High:	30-35 EXtr	eme: > 35	
Home and Property Assessment: Home: Extreme; Surrounding Yard Area: High - Extreme						
Other Features						
Driveway Access		Paved drivew	vay			
Signposting Address signative wreath at frc		gnage partially obscured by Consider flue front of home. Not fluroscent		fluorescent address sign		
Fire Fighting Equipment: ladder	hose, shovel,	Outdoor faud	cet. Hose.			
Emergency Response Plan Did not deter		rmine	Develop Homalko	Develop ERP in conjunction with Homalko		
Smoke Alarms ??		??	??		Smoke alarms should be installed all	
			floors, ar	nd regularly tested		
Other						
Comments: Good w	ork keeping rea	ar lawn mov	ved. Major conce	rn at this reside	ence: high amount of	
combustibles within Zone 1a and Zone 1.						

Here are Three Easy To Achieve FireSmart Action Items:

- 1) Remove all combustibles from outside home and yard, out to 10 m around the home, and paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas on and beneath stairs and decks clear of combustibles and debris
  - Prune lower branches of trees surrounding home
- 2) Ensure smoke alarms are installed on all floors; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

Photos



1334 Bute Cres. Address partially hidden by vegetation.





High amount of combustibles next to home within Zones 1.a and Zone 1.

1	Home & F	Property Assessm	ent	
Address: 1385 Bute	e Cres., Homalko Name: N	Viel/Thomas Ph:	Email:	lines the shorts
Date: Sept 24 2018	Assessors: Margaret Sym	ION RPC LFR, Thon	has Donerty, CRFR, Me	elissa Hackett
Fosturo		1. 	0.1	
Structure Location	SE Homo on Puto Cros. a	cross from Hall	eı	
	CRED: "High risk property			
	CRID. High hisk propert	у		
HOME/1.5 metres				Actual Score
	FireSmart zone immediately aro	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	30
	High amount combustibles s	urrounding home		
HOME/10 metres	FireSmart Zone 10 m Around Str	ructure	0	
	Combustible Vegetation and/or	other Fuel	30	30
	A/A; high amount of combus	tibles: cars, bikes, car	pets, cardboard, petroleun	n-based products,
	vegetation (bushes, tall grass	s, blackberry), etc. aid no fuels stored in s	seacan	
	Pressure vessels (20 lb propa	ane tanks) at rear of h	ome.	
Roofing Material	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other combustible material	"not bad"	0	
	Scattering of needles and leaves		2	2
	Clogged gutters & extensive leaves		3	
	Aaron:	"kids clean the gutters"		
Home Exterior	Non-combustible material,		0	
	stucco, metal siding or brick		1	
	Wood, vinvl siding, wood shakes	vinvl	6	6
	Vinyl sidin	la common in commu	unity	0
Windows and doors	Tempered glass in all		0	
Windows and doors	doors/windows		0	
	Double-pane glass – small/medium (smaller than 1		1	1
	m x 1 m)			
	Single-pane glass –		2	
	small/medium (smaller than 1 m x 1 m)			
	Single-pane glass –		2	
	small/medium (< than 1m x 1m)		4	
	(greater than 1 m x 1 m)		4	
Eaves and Vents	Closed eaves, vents screened with 3 mm wire mesh		0	
	Closed eaves, vents without mesh		1	
	Open eaves, vents not screened		6	6
	Check tha	at crawl spaces are cle	ean	
Chimney	If chimney present, spark arrestor			
	Did not assess			
Balcony, deck, porch,	Sheathed, with fire-resistant		0	

or open foundation	materials			
	Sheathed w combustible		2	
	materials		-	
	Not sheathed		6	6
	CRFD: "deck pretty much of a writ	e-off." No access off ba	ck wood deck. Rail ways of	
Position wrt slope	Building located on bottom or		0	0
	lower portion of hill		Ŭ	•
	Building located on mid - upper		6	
	Home	l e located on flat area		
				01
VADD/within 10 m			HOIVIE SCORE	10
TARD/ WITHIN 10 HIT	More than 10 m from home		0	0
Outbuildings			0	0
	Less than 10 m from nome	Seacan at side;	6	6
		rear		
	Both structures < 10 m	from home		
Maadaila	More than 10 m from any		0	0
woodplie	building		0	U
	Less than 10 m from any		6	
	building			
	No woodstove			
Forest type within	Deciduous		0	
10 m of home			Ũ	
	Mixed wood	To E, along edge	30	
	Coniferous		30	30
	Grass not mowed. Overgro	wn blackberry		
	bushes front and back. For	est edge E border		
Surface vegetation,	Well-drained lawn or non-	5	0	0
combustible materials	combustible landscaping		0	0
within 10 m of home and	material			
outbuildings	Uncut grass or shrubs		20	25
	Twigs branches and tree		30	23
	needles on the ground		30	
	Cut grass in yard; limb branc	hes of trees along		
	edge of forest border; prune	lower branches of		
	conifers up to 2.5 m from gro	und. Transport and		
Embor	Wood various	ly from site.	20	20
Emper	combustibles		30	30
Accumulator	Clean vard surroundings		•	
Feature(s)		alle a sud. for all a suda in an	U	
	Multiple combustibles (carpet, ca	aboard, fuel containers		
		YARD within 10	0 m of home SCORE	91
YARD/ 10-30 m from	n home		ſ	
Type of Forest	Deciduous Mixed Wood		0	
Surrounding Home			10	
Surface Vegetation within	Conifer Separated	Conifer, sep	10	
10-30 m of home	Continuous	to	30	20
Surface Vegetation	Twigs, Branches, Needles on ground	continuous,		
around buildings	Scattered	At E side	5	20
	Abundant Uncut grass or shrubs		30	

					10	
Shrubs and low branches (within 2 m	None within 10-30	) m			0	
of ground) in surrounding forest	Scattered within 1 buildings	.0-30 m of			5	
	Abundant within 1 buildings	L0-30 m of			10	10
			YARD (10	)-30M) S	SCORE	50
SITE						
Zone 1 (and 0 to 1.5	m)/ Home		ŀ	Home		81
Yard			10 m from home		91	
Zone 2 / Yard (10-30	) m)		10-30 m from home		50	
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35				> 35		
Home and Property	Assessment: H	lome: Extre	me; Surrounding	Yard Ar	ea: <b>Extreme</b>	
Other Features						
Driveway Access		Paved drivew combustibles	/eway – access limited by bles stored in driveway			
Signposting		Address sign	age visible. Not fluro	scent	Consider fluores	cent address sign
Fire Fighting Equipment: ladder	hose, shovel,	Outdoor faud	utdoor faucet. Hose.			
Emergency Response Pla	in	Did not deter	rmine		Develop ERP in conjunction with Homalko	
Smoke Alarms		Upper floor o	only.		Need smoke ala	rms lower floor
Other		Drier fire here 2 years ago.				
Comments: CRFD: "I	High risk prope	erty – fuel lo	ading against the	house,	/ high storage	inside / vegetation
half way up the building / vinyl siding." CR Fire Inspector "could work with the band "						

Here are Three Easy To Achieve FireSmart Action Items:

- 1) Remove all combustibles from outside home and yard, paying special attention to keep the area between 0 to 1.5m zone from the home completely clear
  - Make sure exits are cleared
  - Keep grass mowed
  - Regularly clean gutters
  - Keep areas under stairs and decks clear of combustibles and debris
  - Remove combustibles from decks
  - Prune lower branches of conifer trees along edge of driveway
- 2) Install smoke alarm on lower level; regularly test smoke alarms
- 3) Enlist support from Homalko in replacing existing address signage with fluorescent address signs.

Photos



1385 Bute Crescent



Combustibles within 10 m Zone 1



Combustibles within 1.5 m Zone 1a



Combustibles within 1.5 m and 10 m Zones at rear. Both front and back decks are not stable. Exit is blocked from back deck.



Tall grass in yard, and ladder fuels of trees along driveway edge should be cut.

1 Home & Property Assessment				
Address: 1426 Aup	e Cres., Homalko Name:		Ph: Email:	
Date: Sept 24 2018	Assessors: Margaret Sym	on RPC LFR, The	mas Doherty, CRFR, IV	lelissa Hackett
Feature	Zone 1			
Structure Location	5-plex single-level unit o	n Aupe Crescent		
HOME/1.5 metres				Actual Score
	FireSmart zone immediately arou	und structure	0	
	Combustibles, long grass, fuel co	ontainers, etc.	30	10
	Bare earth patches, scattered	d grass, salmonberr	y bushes, few pieces wood,	gas can
HOME/10 metres	FireSmart Zone 10 m Around Str	ucture	0	
	Combustible Vegetation and/or	other Fuel	30	10
	A/A; various combustibles st	ored against house		
<b>Roofing Material</b>	Metal, clay tile, <u>asphalt shingle</u> or	ULC-rated shakes	0	0
	Unrated wood shakes		30	
Roof Cleanliness	No needles, leaves, or other		0	0
	combustible material		2	
	Classed authors & automatics		2	
	leaves		3	
		Roof clean		
Home Exterior	Non-combustible material,		0	
	stucco, metal siding or brick		-	
	Logs or neavy timbers		1	
	Wood, vinyl siding, wood shakes	vinyl	6	6
	Vinyl siding cor	nmon throughout o	community	
Windows and doors	Tempered glass in all doors/windows		0	
	Double-pane glass –		1	1
	small/medium (smaller than 1			-
	Single-pane glass –		2	
	small/medium (smaller than 1		2	
	m x 1 m) Single pape glass –		2	
	small/medium (< than 1m x 1m)		2	
	Single-pane glass – large		4	
	(greater than 1 m x 1 m)			
-	Classification		1	
Eaves and Vents	with 3 mm wire mesh	Appear clean	0	0
	Closed eaves, vents without		1	
	Open eaves, vents not screened		6	
	Check that crawl spaces are cle	l ean	Ū	
Chimney	If chimney present, spark			0
	arrestor			
Delegan de de	"UNECK!	Γ		
Balcony, deck, porch, or open foundation	materials		0	0
	Sheathed w combustible materials		2	
	Not sheathed		6	
	Single level. No deck.			

Position wrt slope	Building located on bottom or		0	0
	Building located on mid - upper		6	
	portion of a hill or crest of hill		Ŭ	
	Home located at bottom	of slope, at lakes	shore	
			HOME SCORE	27
YARD/ within 10 m o	of home			
Outbuildings	More than 10 m from home		0	0
	Less than 10 m from home	Small shed,	6	6
		trailer		
Woodpile	More than 10 m from any building		0	0
	Less than 10 m from any building		6	
Forest type within 10 m of home	Deciduous		0	
	Mixed wood	At rear only	30	20
	Coniferous		30	
	Grass mowed around home	e. Forest at rear		
	located on downward slope	e. Pruning		
-	recommended for fringe co	nifer trees.		
Surface vegetation, combustible materials within 10 m of home and outbuildings	Well-drained lawn or non- combustible landscaping material		0	0
	Uncut grass or shrubs		30	0
	Twigs, branches and tree needles on the ground		30	0
	As noted above, recommer	nd limbing		
	branches of trees at back for	orest. Prune up		
	to 2.5 m. Transport and tre	at downed fuel		
	away from site.			_
Ember	Wood, various		30	5
Accumulator	Clean vard surroundings			
Feature(s)	Scattered combustibles (wood bu	ushos) around homo. Va	U rd is generally well-kent	
	with mowed grass.	isiles) alound nome. Ta	ru is generally well-kept,	
		YARD within 10	0 m of home SCORE	31
YARD/ 10-30 m from	n home			
Type of Forest Surrounding Home	Deciduous Mixed Wood		0 10	
Surface Vegetation within	Conifer	Conifer, sep	10	
10-30 m of home	Separated Continuous	to	30	20
Surface Vegetation	Twigs Branches Needles on ground	continuous,		
around buildings	Scattered	Rear of home	5	5
	Abundant Uncut grass or shrubs		30	
			10	
Shrubs and low	None within 10-30 m		0	
branches (within 2 m				
of ground) in	Scattered within 10-30 m of			

surrounding forest	buildings			5	5
	Abundant within :	10-30 m of			
	buildings			10	
			YARD (10	-30M) SCORE	30
SITE					
Zone 1 (and 0 to 1 5	m)/ Home		ŀ	lome	27
Yard	ing nome		10 m f	rom home	31
Zone 2 / Yard (10-30	) m)		10-30 m	from home	30
	•		L		
Hazard score: Low: < 21 Moderate: 21-29 High: 30-35 Extreme: > 35					ne: > 35
Home and Property Assessment: Home: Moderate; Surrounding Yard Area: High					
Other Features					
Driveway Access		Paved drivew	vay with "great acces	s″	
Signposting		Address signa	age visible. Not fluro	scent Consider flu	orescent address sign
Fire Fighting Equipment: ladder	hose, shovel,	Outdoor fauc	cet. Hose.		
Emergency Response Plan Did not deter		rmine	Develop ERF Homalko	in conjunction with	
Smoke Alarms		Probably. Tes	sted?		
Comments: Nice to	see good acces	s and mostl	y clear area in de	fensible 10 m zone	e around 5-plex.
	-	- · · · ·			
Here are Three Easy	To Achieve Fir	eSmart Acti	on Items:		
1) Remove cor	nhustibles arou	und residen	res especially wit	thin the 0 to 1 5 m	zone around homes
- Make sure	exits are clear	ed	ces, especially wi		zone around nomes
- Prune lowe	er branches of	trees at real	r of yard; reduce	surface and ladder	r fuel loading
- Regularly c	lean gutters				
- Keep areas	- Keep areas under stairs clear of combustibles and debris				
2) Test smoke	alarms				
3) Enlist support from Homalko in replacing existing address signage with fluorescent address					
signs.					

# Photos



Relatively clean/clear Zone 1a. Back forest is less than 10 m from structure.

# APPENDIX III. HAZARD REVIEW AND TREATMENT PLANNING





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Staff of the Homalco Emergency Program performed a walk around in the community on Monday July 12<sup>th</sup> in order to identify hazardous conditions impacting our immediate risk to wildfire. These assessments do not constitute FireSmart home assessments.

Multiple instances of long grass and brush were identified and mapped. Two incidents of conifer trees that should be considered for removals were noted. One instance of multiple derelict cars was noted. As an aside safety measure, one broken street light was noted in front of 1401.

The locations are numbered in the table on the next page, along with a description of what was observed. Instances in which identified properties had a FireSmart assessment done in 2019 are indicated in the comments column and illustrated on the following map.

The location numbers can be cross referenced to the map (white text).



In order to effect immediate risk mitigation, the following treatment options will be undertaken in the priority order:

- 1. Address immediately within existing programs
- 2. Treat with CRIP 21/22 Rebate program. We are able to treat these immediately as they have been previously assessed.
- 3. Assess and treat with CRIP 21/22 program (15 assessments, 20 treatments budgeted)
- 4. Treat with ISC/FNESS 2021 program
- 5. Refer to BC Hydro

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No.	Description	Recommendation
1.	Homathco Drive - brushing, rooting to prevent regrowth	Refer to BC Hydro. Failing that, treat with ISC/FNESS 2021 program
2.	Brush and grass at location for ESS sea can, EOC trailer, and canoe shed	Treat with ISC/FNESS 2021 program
3.	Backyard brushing of encroaching bush. Houses 1205 to 1231 on the north side. Brush, root, grass seed. 1205, 1211, and 1231 were assessed in 2019.	Treat with ISC/FNESS 2021 program. Alternately work can proceed on 1205, 1211, and 1231 because they are previously assessed (high and extreme risk).
4.	Danger tree review before brushing in instance 1.	Treat with ISC/FNESS 2021 program.



5.	1232 - Long grass.	Address immediately within existing programs. Cut the grass.
6.	1235 - Brush west side	Assess and treat with CRIP 21/22 program
7.	1248 - back yard grass	Address immediately within existing programs. Cut the grass.
8.	1251 - back yard grass and brush	Assess and treat with CRIP 21/22 program
9.	1252 - backyard grass, brush	Assess and treat with CRIP 21/22 program
10.	1258, 1262 - in between and back brush. 1258 and 1262 were assessed in 2019 as extreme risk.	Treat with CRIP 21/22 rebate program
11.	1270, 1280 - backyard grass. 1270 and 1280 were assessed in 2019 as low risk with the exception of long grass.	Address immediately within existing programs. Cut the grass.
12.	1271-1275 - backyard brush	Assess and treat with CRIP 21/22 program



13.	Empty lot west of 1281 - grass, brush	Assess and treat with CRIP 21/22 program
14.	1290 - backyard brush	Assess and treat with CRIP 21/22 program
15.	1291 - backyard brush	Assess and treat with CRIP 21/22 program
16.	Brush at corner	Assess and treat with CRIP 21/22 program
17.	1310 - front yard complete skid steer clear and root (two pics) 1310 was assessed in 2019	Treat with CRIP 21/22 rebate program



18.	1330 - conifers in the back	Treat with ISC/FNESS 2021 program
19.	1401 - Vehicles to be removed and broken street light.	Treat with ISC/FNESS 2021 program. Address the broken light with existing programs.
20.	1431/1441 - brush in front and in between.	Assess and treat with CRIP 21/22 program



21.	Between 1451 and 1466 - empty lot. Brushing and rooting.	Assess and treat with CRIP 21/22 program
22.	1466 - front and east side brushing.	Assess and treat with CRIP 21/22 program
23.	1426 - multi-plex - brush under stairs south end 1426 was assessed in 2019	Treat with CRIP 21/22 rebate program



24.	Broom at stream	Treat with ISC/FNESS 2021 program
25.	1334 - grass under fruit trees. Recommend removal or at least pruning of the conifer tree. 1334 was assessed in 2019	Treat with CRIP 21/22 rebate program
26.	1350 - brush at side.	Assess and treat with CRIP 21/22 program



27.	Brush walk-through.	Treat with ISC/FNESS 2021 program
28.	west side of 1358 - trees and brush in front.	Assess and treat with CRIP 21/22 program
29.	1368 - Raspberries at car port.	Resident may consider these cultivated. Consult with resident. Assess and treat with CRIP 21/22 program



		-
30.	1355 - Conifer trees blocking street light and over top infrastructure.	Treat with ISC/FNESS 2021 program
31.	1365 back yard brush	Assess and treat with CRIP 21/22 program
32.	1385 - Special problem (cars, brush, maintenance). 1385 was assessed in 2019	Treat with CRIP 21/22 rebate program
33.	BC Hydro - consult about brushing under all lines	Refer to BC Hydro



# APPENDIX IV. FIRESMART EVENT 2022





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### **Climate Change Impacts**

- Climate change is real and now and weather events will be more extreme and more frequent
- Fire is a natural component of the forest which we can not eliminate
- So we must learn to live with it without the disastrous outcomes











# Homalco FireSmart Program

- FireSmart planning
- Communications and events
- # FireSmart Community Champions
- # FireSmart Board
- Home assessments
- Risk reduction activities
- Community recognition





### Wildfire Risk Driving Our Program

- The Campbell River Community Wildfire Protection Plan identified the Homalco reserve area to be at moderate risk to wildfire with low risk around the streams
- As a result, wide scale fuel reduction measures have not been emphasized



Land Forest People.

## Wildfire Risk Driving Our Program

- The Wildfire Protection Plan does identified Vegetative fuel build-up near residential structures as the most significant WUI hazard
- As a result our emphasis is on the community itself





#### Home Assessments

- Vegetation within the community needs to be treated to ensure the survival of the buildings during wildfires:
  - Ensure that there is a home protective zone by thinning out coniferous fuels
  - Remove surface fuel accumulations
  - Remove ladder fuels within Zone 1a and Priority Zone 1







#### **Homalco FireSmart Program**

#### 🚓 FireSmart Board

- 🙈 Chief Darren Blaney
- 🙈 Alison Trenholm, Councilor
- s John Lewis, Administrator
- FireSmart Champions
- Mathematical Stress States Chief Stress Chief Stress St



## Homalco FireSmart Program

#### # FireSmart Community Champions

Please connect with Ella Paul or James Hackett if you have any questions or concerns. They are here to help you.







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## HOMALCO NATION Xwémalhkwu










**Review of BC Wildfire Seasons** 











Wildfires in B.C.

#### Wildfire Ecology



#### • Wildfires are a natural part of the Ecosystem.

 Wildfires have been occurring naturally throughout the Earth's existence, thus creating a healthy and sustainable environment for the ecosystem.
 Low intensity wildfires can be healthy for plants, animals, and the forests.
 Frequent, low intensity wildfire can not only reduce extreme wildfires, but can enrich wildlife habitat.

Reintroducing Indigenous Cultural Burning



Due to human impact, the effects of global warming environmental issues have caused temperatures to drastically rise. Even 1-2 degrees Celsius can equate to detrimental impacts on the planet's ecosystems.

Summer 2021, Almost the entire Province of BC was in record setting high to extreme temperatures, and it was only the start of summer. Higher temps drive down humidity in the air and mosture in the wood fuels.

Wildfires thrive in this environment Weather/Topography/Fuel

#### Wildfire Trending Threats

- > Climate changes and extreme weather.
- > Warmer temps, more intense and longer fire seasons.
- $\succ$  High winds, dryer, lower humidity and moisture content.
- Forest health, lack of forest mitigation, prescribe burning, and lack of years with no fire history.
- > Extreme fire behaviour: Rank 6, Crown and Spot fires, (Embers)
- > Topography and Increased urban developments (WUI threats)
- > Smoke health and visibility conditions
- > Overwhelmed Resources: FF, equipment, water, egress routes.



B.C. is experiencing a serious and sustained increase in extreme wildfire behaviour in the Wildland Urban Interface (WUI).



Wildland Urban Interface (WUI)

Wildland Urban Interface is an area where development, like homes and infrastructure, meet undeveloped, or wildland vegetation. (Forest meet the community)

There are 3 main types of classification's for a wildland urban area:

2 Wildland Urban Intermixed

3 Wildland Urban Occluded

#### WUI Interface

Wildland Urban Interface:

Where structures are adjacent to wildland vegetation. (Homes bordering a forested area).

Eg: Urban development along the Beaver Lodge Forests Lands. City of Campbell River



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Occluded: When wildland vegetation is nestled within a urban area. (Park within a City). Eg: Nunns Creek Park and Elk River Timber Rd. City of Campbell River









SH3



There doesn't have to be a wildfire next to structures to cause damage.

<u>Spot fires are the most</u> dangerous in WUI situations

Ember's can travel kilometers from the fire front and rain down and destroy neighbourhoods that are not FireSmart.





Wildfire prevention begins **BEFORE** the fire occurs and in our own backyards. FireSmart is a shared responsibility.



#### CRFD

Bruch 1 (Wildland truck)
SPU 1 (Sprinkler Protection Unit)
Tender 1 (Water Truck)
ATV (Side by sides)
Engine 1 and 2





 

 British columbia FireSmart\*

 WUI Disaster Sequence

 Severe Fire Conditions Fuel, weather and topography
 Wildiand Fire Rapid fire spread and/or high intensity
 Urban Fire Multiple simultaneous ignitions

 Overwhelmed Fire Suppression Too much fire and too few resources
 Reduced Fire Protection Lack of resources leads to reduced effectiveness
 Disaster! Many homes totally destroyed.





#### Why should I care?

FireSmart

- During the fire season, British Columbians may be evacuated from their communities and homes may be destroyed.
- Living in a forested area means that you and your community eventually will have to contend with the threat of a wildfire.

Your best protection is PREVENTION and your best tool is the FireSmart program.





#### Why FireSmart ??? Do your part, FireSmart !!!



#### OWNERSHIP/ACCOUNTABILITY:

Protect your home and community. -Will <u>substantially increase</u> the chances of your home surviving a wildfire. -Will automatically set the advantage in case you find yourself evacuating in a hurry. -Will help fire fighters decide which homes they can better protect on limited

-Will help protect neighbouring homes.





















# Non-Combustible Zone

#### CHARACTERISTICS OF FIRE-RESISTANT PLANTS

- moist, supple leaves
  accumulates minimal dead
- vegetationwater-like sap with little odour
- low amount of sap or resin material

Examples of plants to **AVOID** planting: cedar, juniper, pine, tall grass and spruce.

#### CHARACTERISTICS OF HIGHLY FLAMMABLE PLANTS

- leaves or needles are aromaticaccumulates fine, dry dead
- material

  contain resin or oils
- Loose, papery or flaky bark



#### Zone 1

- 1.5 to 10 metres from the home
- Create a FireSmart yard so that fire will not easily transmit to your home.
  Plant low-density, fire-resistant plants
- Avoid planting coniferous trees (cones)
- and needles) in this zone, since they are highly flammable.
- Keep lawns mowed.
   Move firewood piles.co
- Move firewood piles, construction materials, storage sheds and other combustible structures out of this zone and into Zone 2.



BRITISH COLUMBIA

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FireSmart

### Cone 2 • 10 to 30 metres from home • Prune and trim evergreen trees to create at least 3 metres of horizontal space between single or grouped tree crowns. • On the remaining evergreen trees, remove all branches to a height of 2 metres above the ground. • Regularly clean up fallen branches, dry grass and needles from the ground to eliminate potential surface fuels.

# Zone 3

• 30 to 100 metres from home

- Create an environment that will not support high-intensity crown fires.
- A focus on fuel reduction and conversion (rather than removal) is the main priority in this zone.
- Look for opportunities to create a fire break by creating space between trees and other flammable vegetation.











FireSmart BC & Resources





























## APPENDIX V. FIRESMART EVENT 2020





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#### APPENDIX VI. FIRESMART NEWSLETTER SERIES





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# Homalco

The Homalco emergency management team has produced this newsletter in order to share with the community our progress in protecting the community from wildfire through the implementation of FireSmart.

# **FireSmart**<sup>®</sup> Canada

# Newsletter

March 31, 2022

# **FireSmart Champions**

Did you know that Ella Paul and James Hackett are Homalco's trained Community FireSmart Champions? If you have any questions about what you see in this newsletter please reach out to them.

# What is FireSmart?

Fire is a natural component of the forests surrounding Homalco, and with climate change the presence and impacts of wildfire will only be more strongly felt by the community. FireSmart means living with and managing for wildfire. FireSmart gives us the tools to reduce risk.





Is your emergency information package hanging in the front closet? If you need one please ask Ella.











Your emergency program staff and your FireSmart Champions have worked hard to decrease the risk of wildfire to our community and as a result Homalco is a

# Recognized FireSmart Community!

For more information on recognition see <u>https://firesmartbc.ca/firesmart-canada-</u>neighbourhood-recognition-program-fcnrp/

One requirement for recognition is to have in place a FireSmart Community Plan. You can download a copy of the Homalco Community FireSmart Plan at this link:

https://www.homalco.com/emergency-management/firesmart/

# Accomplishments

Our community as a whole, and 14 individual homes, have been assessed for opportunities to reduce wildfire risk through FireSmart treatments. This has allowed us to prioritize treatments. Some properties were treated by our summer students last year. They removed brush and cut grass to reduce the intensity of wildfire if it were to happen.

# **This Summer's Program**

We have identified 33 homes or properties within the community which would benefit from treatment. More home assessments will be undertaken, during which residents will receive tips on house maintenance that will reduce risk from wildfire.

We have secured funding, and with your collaboration, we will undertake a range of treatments including brushing, rooting out of brush, removing or pruning trees, broom pulling, removal of debris, and seeding of disturbed areas. Our FireSmart Champions will be reaching out to residents and CP Holders whose properties are identified.





Did you know that Homalco has an emergency management page on our website? Take a look, including for information on FireSmart!

https://www.homalco.com/emergencymanagement/

#### HOMALCO FIRST NATION **Emergency Management**

News & Events Services + Who We Are + Go

Q

Key Contacts

lco Emergency Management Program

#### erships

#### Emergency Notification Service

## **Coming Up: Homalco Fire Safety Day!**

This summer we will hold another community FireSmart and fire safety day. Watch for an announcement and details.







# Homalco

# FireSmart Newsletter

February 28, 2023

# **Real Progress**

Twenty-eight homes on the reserve have been treated to reduce the risk of destruction by wildfire. While the work was happening we were able to discuss the treatments and benefits with residents and we experienced great interest and enthusiasm.

Typical treatments were the removal and rooting out of brush, removing or pruning of trees, broom pulling, and removal of flammable wood debris. All of these treatments slow down, or decrease the intensity of any wildfire approaching our homes. This gives residents more time to escape and firefighters a better chance of saving the homes. We want to thank everyone for your support and cooperation.





# What is FireSmart all About?

Climate change is real and now. There is no longer a normal pattern of weather, but we do know that weather events will be more extreme and more frequent. Fire is a natural component of the forests surrounding Homalco, and in the future its presence and impacts will only be more strongly felt by the community. Excluding fire is not possible, but we can live with fire without disastrous loss of life, property, and resources. FireSmart gives us the tools to do this.







Have you got your emergency information package hanging in the front closet? If you need one please ask one of our FireSmart Champions, Ella or James.





# **FireSmart Assessments**

When we are assessing homes, the things we want to see are:

- No flammable materials within 1.5m of the home;
- No coniferous trees or shrubs within 10 metres of the home;
- Remaining trees spaced out and pruned up from the ground to prevent fire spreading into the crown of the tree and tree to tree; and
- Firewood stored away from the home.

These are guidelines and owners and residents make the decisions balancing personal and community risks. Below are some "before" shots.



The Homalco emergency management team has produced this newsletter in order to share with the community our progress in protecting the community from wildfire through implementation of FireSmart.

This is the second in a series.







# Homalco Open House

In conjunction with the Homalco community open house, the Homalco FireSmart program was showcased to community members on June 10th, 2022.

## **Summer FireSmart Event - August 2022**

This past summer we held another community FireSmart event. Members came out for a lunch together and then hear about the program and learn how to help protect the community from wildfire.






# Homalco



June 30<sup>th</sup>, 2023

# Wrapping Up Our Program ... For Now!

We have made tremendous progress on protecting our homes from wildfire, and Homalco Leadership and Staff would like to thank every member and resident for your engagement and support.

Having finished the clearing and clean-up along the north boundary of the reserve our final step was to hydroseed the bare earth to re-establish grass and other herbaceous plants. This is a critical step in winning the on-going competition with the blackberries.

The picture below was taken only a few days after hydro-seeding so there is no germination showing yet. What is worth noting is the sprinkler. These sprinklers were set up all along the treatment area and residents were asked to try to keep the area moist while the grass establishes itself. The weather this

year is going to make this a bit of a struggle. A special thank you for your help goes out to those watering over the coming weeks and months.





# **Cut Your Grass to Supress the Blackberries**

One thing we know for sure is that the blackberries will grow back. To win the battle we need to keep up the pressure! Residents are urged to cut young berry sprouts when you cut the grass in order to keep the berries from getting established.

## **Future Work**



We will be securing funding to continue our FireSmart program, both with regard to fire danger conditions outside your homes, and for addressing the house structures themselves. The Homalco emergency and housing teams will be collaborating to make our community as safe as possible. Standby for news.

## What is FireSmart all About?

Climate change is real and now. There is no longer a normal pattern of weather, but we do know that weather events will be more extreme and more frequent. Fire is a natural component of the forests surrounding Homalco, and in the future its presence and impacts will only be more strongly felt by the community. Excluding fire is not possible, but we can live with fire without disastrous loss of life, property, and resources. FireSmart gives us the tools to do this.







## What Can You Do Right Now?

Fire season is upon us and there are things that you can do right away to protect your home, your family, and your neighbours:

- Mow your grass;
- Clean out your gutters;
- Remove anything that can burn from within 1.5m of your home, garage, or shed;
- Remove any coniferous trees or shrubs (pines, firs, spruce, junipers) within 10 metres of your home;
- Space out and prune up from the ground any remaining trees to prevent fire spreading into the crown of the tree and from tree to tree; and
- Store your firewood at least 10m away from the home.



Please see the next page for a handy information sheet on what you might do as the fire danger rises or an evacuation alert is issued.













# Homalco



July 12<sup>th</sup>, 2023

# **Special Edition - House Numbering**

When there is an emergency, every minute can count. When fire, ambulance, or police responders need to come into the community we want it to be as easy as possible for them to find their way.

In the near future we will be installing reflective street numbers near the road for all houses and buildings. These will be high quality, long lasting signs which will serve the community for years to come.

Watch for the staff of Grant Signs who will be doing the installation in the coming week or two. They will be placed near the road but set back a bit from the road and the driveways.

This initiative has been a partnership between the Homalco housing and emergency programs.

If you have any questions please contact Ella Paul.





## APPENDIX VII. CRI FIRESMART TREATMENTS 2022





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This report documents activity for the mitigation of risk from wildfire through the CRIP project 2021 2022. Work was undertaken by contractors and by the Nation, summer students, and residents.

Address	Treatment #	Assessment	Activity/Notes
1205 Bute	3	2019	Back yard encroachment cleared to bare soil
1211 Bute	3	2019	Back yard encroachment cleared to bare soil
1215 Bute	3	-	Back yard encroachment cleared to bare soil
1221 Bute	3	-	Back yard encroachment cleared to bare soil
1225 Bute	3	-	Back yard encroachment cleared to bare soil
1231 Bute	3	-	Back yard encroachment cleared to bare soil
1235 Bute	3	2019, 2023	Back yard encroachment cleared to bare soil
1241 Bute	-	2023	Back yard encroachment cleared to bare soil
1245 Bute	-	-	Back yard encroachment cleared to bare soil
1251 Bute	-	2023	Back yard encroachment cleared to bare soil
1255 Bute	-		Back yard encroachment cleared to bare soil
1261 Bute	-	2019	Back yard encroachment cleared to bare soil

## **CRIP Treatments**

Before

After







Address	Address Treatment # Assessment		Activity/Notes
1252 Bute	9	2023	Backyard brushed. A pile of mixed materials was removed in the backyard.
	Before		After





Address	Treatment #	Assessment	Activity/Notes
1258, 1262 Bute	10	2019 1258 in 2023	Brushing, rooting, chemical treatment Sept 22 2022 - Brushing is all done. A pile of mixed materials in the back was disposed of.

Before	After











Address	Treatment #	Assessment	Activity/Notes
1290 Bute	14	2023	Brushing, piling, removal. Sept 28, 2022 - Brushing in the front yard completed, non-ignition zone at east side of house was not completed. This property is being referred to a future project that will undertake all non-ignition zone work.

Before	After



Work deferred.



Address	Treatment #	Assessment	Activity/Notes
1310 Bute	17	2019	Brushing and tree pruning

Refere After		
Delote Alter	Before	After







Address	Treatment #	Assessment	Activity/Notes
1320 Bute	17b	-	Tree and vegetation removal. Apple tree at the front corner removed. Maple tree closest to house was removed. Plane tree in rear trimmed away from the house. Cedars by car port removed.
Before			After









Address	Treatment #	Assessment	Activity/Notes
1350 Bute	26	2023	Brushing under the stairs has been done.

Before

After







Address	Treatment #	Assessment	Activity/Notes
1352 Bute		-	Backyard brushing is complete. Brushing is completed along the front of the house and at the street along the fence. The fruit tree was left as is. A pile of mixed materials in the front was removed.

Before After
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Address	Treatment #	Assessment	Activity/Notes
1368 Bute	-	2023	A pile of mixed materials in the front was removed. This home was added to the project following assessment.

Before	After



See map on the next page.







Notes: Home 1426 was moved to a separate project (ISC/FNESS 2022); Home 1368 was added to this project following assessment.





This report documents work performed for the mitigation of risk from wildfire under the ISC/FNESS project 2021 2022. Recommendations for future work are included in order to support ongoing program planning.

#### **FNESS Treatments List:**

Treatment #	Address	Activity/Notes
#3 - Clean Debris (Piles of woody material were clean with no foreign materials)	1205, 1211, 1215, 1221 Bute Crescent	Backyards required woody material removal following mechanical brushing which was undertaken through the CRIP 2021 2022 project. Under this FNESS project large material at the edge was bucked to the ground and intermediate and small material was removed to landfill. Areas of bare ground were hydroseeded for the best chance at quick growth and successful establishment and competition with the blackberry.

Before

After





## **Recommendations for Future Work**

This area was treated in the fall of 2022 and the Himalayan blackberry (Rubus armeniacus) is re-establishing vigourously as the photo to the right makes clear. This is to be expected and although eradication is almost impossible, quick retreatment is required for long term management. It is our intention to continuously reduce the blackberry to the point that grass seeding and regular mowing will maintain the area as open area.

Ongoing maintenance will be required including watering and mowing.



Behind 1205 Bute Cres May 26, 2023





## **APPENDIX VIII. ISC/FNESS FIRESMART TREATMENTS 2021/2022**





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Treatment #	Address	Activity/Notes
#3 - Contaminated (Piles of woody debris contained mixed materials)	1225, 1231, 1235, 1241, 1245 Bute Crescent	Backyards required woody material removal following clearing which was undertaken through the CRIP 2021 2022 project. There was significant foreign material mixed into the heaped material. Clearing work has been completed. The ground was raked and smoothed to allow seeding and subsequent regular maintenance by mowing. The area was hydroseeded for the best chance at quick growth and successful establishment and competition with the blackberry.

Before

After







## **Recommendations for Future Work**

This area was treated this spring and the Himalayan blackberry (Rubus armeniacus) is already beginning to re-establish. This is to be expected and although eradication is almost impossible, quick re-treatment is required for long term management. It is our intention to continually reduce the blackberry to the point that grass seeding and regular mowing will maintain it as open area.

Ongoing maintenance will be required including watering and mowing.



Treatment #	Address	Activity/Notes
#3 - Contaminated (continued) Debris piles contain mixed materials	1225, 1231, 1235, 1241, 1245 Bute Crescent	Conifers in front of 1235 were removed or pruned after discussion with the resident. Removed shrub near front door. There was shrub and tree removal or pruning between 1241 and 1235.

Before

After













Front and side yard between 1241 and 1235







Treatment #	Address	Activity/Notes
8	1251, 1255 Bute	Backyards required woody material removal following clearing which was undertaken through the CRIP 2021 2022 project. There was significant foreign material mixed into the heaped material. Clearing has been completed. The ground was raked and smoothed to allow seeding and subsequent regular maintenance by mowing. The area was hydroseeded for the best chance at quick growth and successful establishment and competition with the blackberry. Trees were pruned on the east side of 1251 (between 1251 and 1245) after discussion with the resident.

### Backyards



## Recommendations for Future Work

This area was treated in the spring of 2023 and the Himalayan blackberry (Rubus armeniacus) is already beginning to re-establish. This is to be expected and although eradication is almost impossible, quick retreatment is required for long term management. It is our intention to continuously reduce the blackberry to the point that grass seeding and regular mowing will maintain it as open area. Ongoing maintenance will be required including watering and mowing.





## Front yard between 1251 and 1245





Treatment #	Address	Activity/Notes
12	1271, 1275	Backyards require woody material removal following clearing which was undertaken through the CRIP 2021 2022 project. There is significant foreign material mixed into the heaped material. Clearing has been completed. The ground was raked and smoothed to allow seeding and subsequent regular maintenance by mowing. The area was hydroseeded for the best chance at quick growth and successful establishment and competition with the blackberry.

BeforeAfter

## Recommendations for Future Work

This area was treated in the spring of 2023 and the Himalayan blackberry (Rubus armeniacus) is already beginning to re-establish. This is to be expected and although eradication is almost impossible, quick re-treatment is required for long term management. It is our intention to reduce the blackberry to the point that grass seeding and regular mowing will maintain it as open area.

Ongoing maintenance will be required including watering and mowing.





Treatment #	Address	Activity/Notes
18	1330 Bute Cres	Consulted with resident with regard to acceptable treatment - removal, partial removal, and pruning. Ella reports that the resident is anxious for the work to get done. Backyard - removed conifers within 10m and pruned the others. Brushed under back steps <i>etc</i> . Removed Elderberry at rear corner of home.

Before		After





## **Recommendations for Future Work**

We expect the Himalayan blackberry (Rubus armeniacus) to re-establish. We recommend establishment of a nonignition zone that will also prevent regrowth of the blackberry.







Treatment #	Address	Activity/Notes
19	1401, 1421, 1431 Aupe Crescent	Brushing, rooting, and seeding: north side of 1401, south of 1421, south of 1431. Brushing completed but rooting and seeding is still required at 1401.

Before	After
--------	-------

1401 by the creek





## 1421 south side









## Recommendations for Future Work

For all of these homes, we expect the Himalayan blackberry (Rubus armeniacus) to re-establish. We recommend establishment of a non-ignition zone that will also prevent regrowth of the blackberry.

Before After

### 1431 south side



Treatment #	Address	Activity/Notes
	1461	Empty lot. Grass and broom control. This lot was not treated because it was planned for construction which is now started.







Treatment #	Address	Activity/Notes
24	1426 (5-plex)	Broom and blackberry brushing complete.

Before

After







**Recommendations for Future Work** 

We expect the Himalayan blackberry (Rubus armeniacus) to re-establish. We recommend establishment of a nonignition zone that will also prevent regrowth of the blackberry. We recommend skirting of the building with a fire-resistant material.

### Note with regard to Clearing and Hydroseeding by Island Green

For optimum results and operational efficiency, the clearing was undertaken all along the north boundary and hydroseeding was as per the map below.





25	1334	Added to FNESS list Nov 3rd. Brushing front and back. Removed the conifer tree (left side near 1340). Assessed 2022. Resident anxious to get the work done. Assessed in 2022.
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A map of all treatments is on the next page.








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Land Forest People<sub>®</sub>