**COMMUNITY WILDFIRE**

**RESILIENCY PLAN**



[Community Name]

[Date]



|  |  |  |
| --- | --- | --- |
| [Name]  [Title]  [Organisation] |  | [Date] |
|  |  |  |
| [Name]  [Title]  [Organisation] |  | [Date] |
|  |  |  |
| [Name]  [Title]  [Organisation] |  | [Date] |
|  |  |  |
| [Name]  [Title]  [Organisation] |  | [Date] |

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# 1. Tables and Figures

# 2. Acknowledgments

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (Front Matter).

# 3. Frequently Used Acronyms

AOI Area of Interest

BC British Columbia

BCWS British Columbia Wildfire Service

BEC Biogeoclimatic Ecosystem Classification

CFFDRS Canadian Forest Fire Danger Rating System

CFS Community Funding and Support

CI Critical infrastructure

CIFFC Canadian Interagency Forest Fire Centre

CRI Community Resiliency Investment

CWRP Community Wildfire Resiliency Planning

DP Development Permit

DPA Development Permit Area

EMBC Emergency Management British Columbia

EPA Emergency Program Act

FBP Fire Behaviour Prediction System

FESBC Forest Enhancement Society of British Columbia

FESIMS Forest Enhancement Society Information Management System

FMP Fire Management Plan

FSCCRP FireSmart Canada Community Recognition Program

FNESS First Nations Emergency Services Society

HIZ Home Ignition Zone (also see Structure Ignition Zone)

HRVA Hazard Risk and Vulnerability Analysis

HVRA High Value Resources and Assets

LRMP Land and Resource Management Plan

MFLNRORD Ministry of Forests, Lands, Natural Resource Operations and Rural Development

MOTI Ministry of Transportation and Infrastructure

PSOE Provincial State of Emergency

PSTA Provincial Strategic Threat Assessment

OCP Official Community Plan

OFC Office of the Fire Commissioner

RSWAP Resource Sharing Wildfire Allocation Protocol

SOLE State of Local Emergency

SWPI Strategic Wildfire Prevention Initiative

UBCM Union of British Columbia Municipalities

VAR Values at Risk

WRR Wildfire Risk Reduction

WUI Wildland Urban Interface

# 4. Executive Summary

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part

2: CWRP Template (Executive Summary).

[Insert text]

# 5. Introduction

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 1: CWRP Development Process (Develop a Project Charter), and Part 2: CWRP Template (Introduction). Example headers are provided below.

## 5.1 Overview

[Insert text]

## 5.2 Plan Goals

[Insert text]

## 5.3 Plan Development Summary

[Insert text]

# 6. Relationship to Other Plans

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Overview (Relationship to Existing CWPPs and Relationship to Other CWRPs), and Part 2: CWRP Template (Relationship to Other Plans). An example table is provided below to help you determine the relationship of the CWRP to other local plans. Insert additional text as needed.

| TABLE 1. KEY AND RELATIONSHIPS TO CWRP PLANS | | | |
| --- | --- | --- | --- |
| Plan Type | Description | Relationship to CWRP | Additional Information |
| Official Community Plan / Comprehensive Community Plan |  |  |  |
| First Nations Comprehensive Community Plan |  |  |  |
| Emergency Management Plan |  |  |  |
| Housing Needs Report |  |  |  |
| Neighbourhood / Area Plan |  |  |  |
| Strategic Plan |  |  |  |
| Regional Land Use Plans & Legal Direction |  |  |  |

| TABLE 1. KEY AND RELATIONSHIPS TO CWRP PLANS | | | |
| --- | --- | --- | --- |
| Plan Type | Description | Relationship to CWRP | Additional Information |
| Climate Action and Sustainability Plan |  |  |  |
| Urban Forestry Plan |  |  |  |
| Community Forest Plan |  |  |  |
| Parks, Recreation, and Trail Plans |  |  |  |
| Wildfire Risk Management Plan |  |  |  |
| Landscape Tactic Fuel Management Plan |  |  |  |

# 7. Community Description

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Overview (Relationship to Existing CWPPs and Relationship to Other CWRPs), and Part 2: CWRP Template (Relationship to Other Plans). An example table is provided below to help you determine the relationship of the CWRP to other local plans. Insert additional text as needed.

## 7.1 Area of Interest

[Insert text]

## 7.2 Wildland-Urban Interface

[Insert text]

## 7.3 Community Information

[Insert text]

Consider the following table for providing community information statistics (format additional columns as rows as needed).

| TABLE 2. COMMUNITY INFORMATION | | | | |
| --- | --- | --- | --- | --- |
| Total Population (year) |  |  |  |  |
| Population Density (people per sq. km) |  |  |  |  |
| Median Age (years) |  |  |  |  |
| Housing Units |  |  |  |  |
| Median Home Value |  |  |  |  |
| Median Household Income |  |  |  |  |
| Poverty Rate |  |  |  |  |
| Unemployment Rate |  |  |  |  |
| Data Sources: |  |  |  |  |

**MAP(s) Area of Interest (AOI) WUI and Values at Risk.**

# 

# 8. Wildfire Risk Assessment

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (Wildfire Risk Assessment). As noted in the guide, consider addressing the following topics in this section to describe the characteristics of the wildfire environment and determine wildfire risk:

* Wildfire Environment.
  + Topography . Fuel (vegetation).
  + Weather.
* Fire History.
* Provincial Strategic Threat Analysis (PSTA).
* Wildfire Threat Assessment.
* Hazard, Risk, and Vulnerability Assessment

[Insert text]

**MAP(s) PSTA WUI RC and Local Fire Risk.**

# 9. Education

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines - Education). As noted in the guide, consider addressing the following topics in this section to help develop local education strategies:

* Informational materials, including brochures, newsletters, videos, posters, social media and websites.
* Community events, such as field tours, workshops, trainings, public meetings or Wildfire Community Preparedness Day.
* Engaging neighbourhoods within the community through the FireSmart Canada Community

Recognition Program.

* Individual communications, such as door-to-door site visits.
* Media releases and public service announcements.
* Technical reports and research papers.
* Information hotlines and emergency alert systems.
* Feedback mechanisms, such as public surveys.
* Community signage.

[Insert text]

# 10. Legislation and Planning



For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines – Legislation and Planning). As noted in the guide, consider addressing the following topics in this section to help develop legislative strategies:

* Municipal bylaws.
* Provincial acts and regulations.
* Federal acts and regulations.

[Insert text]

# 11. Development Considerations

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines – Development Considerations). As noted in the guide, consider addressing the following topics in this section to help develop applicable strategies:

* Official Community Plan.
* Subdivision Standards.
* Development Permit Areas.

[Insert text]

# 12. Interagency Cooperation



For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines – Interagency Cooperation). As noted in the guide, consider addressing the following topics in this section to help develop interagency cooperation strategies:

* BC Wildfire Service Fire Zone Representatives.
* Neighbouring local governments and First Nations.
* Local fire departments.
* Internal local government departments.
* Local land managers.
* Industry representative.

[Insert text]

# 13. Cross-Training

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines – Cross-Training). As noted in the guide, consider addressing the following topics in this section to help develop cross-training strategies:

* Basics wildland fire training
* Structure protection training
* Incident Command System training
* Local FireSmart Representative training
* FireSmart Home Partners Mitigation Specialist training
* FireSmart Community Champion training
* Training exercises

[Insert text]

# 14. Emergency Planning



For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines – Emergency Planning). As noted in the guide, consider addressing the following topics in this section to help develop emergency planning strategies:

* Pre-Incident Planning (see the pre-formatted titles as guidance in developing a pre-incident plan).
* Wildfire Preparedness Condition Level.

Consider the following preparedness condition level table as an example when developing local daily action guidelines based on expected wildfire conditions.

| Table 3. EXAMPLE OF A WILDFIRE RESPONSE PREPAREDNESS CONDITION GUIDE | |
| --- | --- |
| Prep-Con LEVEL | ACTION GUIDELINES |
| I LOW | * All Community staff on normal shifts. * Staff will update fire danger signs. |
| II MODERATE | * All Community staff on normal shifts. |
| III HIGH | * All Community staff on normal shifts. * Daily detection patrols by staff. * Regional fire situation evaluated. * Daily fire behaviour advisory issued. * Wildland fire-trained Community staff and EOC staff notified of Prep- Con level. * Establish weekly communications with local wildland fire agency contacts * Hourly rain profile for all weather stations after lightning storms. Duty Park Technician/ KFRS members will update fire danger signs. |

| IV EXTREME | * Rain profile (see III). * Daily detection patrols by Staff. * Daily fire behaviour advisory issued. * Regional fire situation evaluated. * EOC staff considered for stand-by. * Wildfire Incident Command Team members considered for stand-by/extended shifts. * Designated Community staff: water tender and heavy machinery operators, arborists may be considered for stand-by/extended shifts. * Consider initiating Natural Area closures to align with regional situation. * Provide regular updates to media Services members/Community staff on fire situation. * Update public website as new information changes. |
| --- | --- |
| II MODERATE | * All CommuAll conditions apply as for Level IV (regardless of actual fire danger rating). * Provide regular updates to media/structural fire departments/park staff on fire situation. * Mobilize EOC support if evacuation is possible, or fire event requires additional support. * Mobilize Wildfire Incident Command Team under the direction of the Fire Chief. * Implement Evacuation Alerts and Orders based on fire behaviour prediction and under the direction of the Fire Chief. |

[Insert text]

# 15. Vegetation Management



For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (FireSmart Disciplines – Vegetation Management). As noted in the guide, consider addressing the following topics in this section to help develop local vegetation management strategies:

* Home Ignition Zone.
* Community Zone.
* Landscape Zone.

[Insert text]

[Insert Fuel Treatment Summary table]

| **FTU #**  **and Stratum** | **Total Area (ha)** | **Treatment Unit Type / Objective** |  | **Local Fuel Threat (Hectares)** | | | | **Overlapping Values / Treatment Constraints** | **Treatment Rationale** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Extreme / High** | | **Mod** |  | **Low** |

**MAP(s): Proposed Fuel Treatment Units.**

# 

# 16. Action Plan & Implementation

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (Action Plan & Implementation). Consider the following table when developing and implementing CWRP actions. This will be a summary of the issues and actions discussed in detail in each section. Modify rows and columns as required. Also consider tracking and reporting and plan monitoring and updates.

| Table 4. COMMUNITY WILDFIRE RESILIENCE PLAN ACTION TABLE | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Action | Lead(s) | Priority | Timeframe | Resources Required | Metric for Success | Notes |
| Risk Assessment | | | | | | |
| **Objective:** | | | | | | |
| 1**.** Action |  |  |  |  |  |  |
| 2**.** Action |  |  |  |  |  |  |
| 3**.** Action |  |  |  |  |  |  |
| **Education** | | | | | | |
| **Objective (example):** Conduct an annual FireSmart education campaign to educate the public on wildfire risk and support local resident actions. | | | | | | |
| 4. Action |  |  |  |  |  |  |
| 5. Action |  |  |  |  |  |  |
| 6. Action |  |  |  |  |  |  |
| **Legislation and Planning** | | | | | | |
| **Objective:** | | | | | | |
| 7. Action |  |  |  |  |  |  |
| 8. Action |  |  |  |  |  |  |
| 9. Action |  |  |  |  |  |  |
| **Development Considerations** | | | | | | |
| **Objective:** | | | | | | |
| 10. Action |  |  |  |  |  |  |
| 11. Action |  |  |  |  |  |  |
| 12. Action |  |  |  |  |  |  |

| Table 4. COMMUNITY WILDFIRE RESILIENCE PLAN ACTION TABLE | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| **Action** | **Lead(s)** | **Priority** | **Timeframe** | **Resources Required** | **Metric for Success** | **Notes** |
| **Cross-Training** | | | | | | |
| **Objective:** | | | | | | |
| 1**.** Action |  |  |  |  |  |  |
| 2**.** Action |  |  |  |  |  |  |
| 3**.** Action |  |  |  |  |  |  |
| **Emergency Planning** | | | | | | |
| **Objective (example):** Conduct an annual FireSmart education campaign to educate the public on wildfire risk and support local  resident actions. | | | | | | |
| 4. Action |  |  |  |  |  |  |
| 5. Action |  |  |  |  |  |  |
| 6. Action |  |  |  |  |  |  |
| **Vegetation Management** | | | | | | |
| **Objective:** | | | | | | |
| 7. Action |  |  |  |  |  |  |
| 8. Action |  |  |  |  |  |  |
| 9. Action |  |  |  |  |  |  |

[Insert text]

**17. Appendices**

For guidance on this section, see the Community Wildfire Resiliency Plan Instruction Guide Part 2: CWRP Template (Appendices).

## 17.1 Appendix A: Glossary of Terms

[insert text]

## 17.2 Appendix B: Public Engagement

[insert text]

## 17.3 Appendix C: Home Ignition Zone

[insert FireSmart Home Ignition Zone graphic and table if applicable]

