

State of Utah

Community Fire Planning

For the Wildland – Urban Interface

Workbook

Protecting Life, Property, and
Community Values
Through
Community-Based Planning

DATE: June 13, 2013



Department of Natural Resources
Division of Forestry, Fire and State Lands
1594 W North Temple, PO Box 145703, Salt Lake City, UT 84114-5703

Utah Community Fire Planning

INTRODUCTION

Wildfire has been a continuing challenge throughout Utah's history. There are several areas in Utah where there is an extreme danger of wildland-urban fire. In fact, any fire over 100 acres threatens some structure due to the increase in development into wildland areas. Over 400 of Utah's communities have been classified as "at risk" of wildfire. The safety of the citizens of any community is a shared responsibility between the citizens; the owner, developer or association; and the local, county, state and federal governments. **The primary responsibility, however, remains at the citizen/owner and association level.**

The following problems have increased the wildland-urban interface wildfire risk:

- Desire to live in a secluded area surrounded by natural vegetation without defensible space.
- Homes are built of flammable materials (wood siding, shakes and patios).
- Fire equipment is hampered from protecting an area because of long, narrow, winding, or steep driveways.
- Distance from fire departments.
- One ingress and egress road in subdivisions and some communities.
- Misperception that fire protection in rural areas is equal to urban fire protection services.
- Inadequate water supply.
- Poor signage and access to residences.
- No hazard planning for evacuation and no early warning systems.
- Utility service lines and propane tanks.

The purpose of community fire planning is to...

- Empower communities to organize, plan, and take action on issues impacting community safety
- Enhance levels of fire resistance and protection to the community
- Identify the risks of wildland/urban interface fires in the area
- Identify strategies to reduce the risks to homes and businesses in the community during a wildfire.

OBJECTIVES OF COMMUNITY FIRE PLANNING IN UTAH

- Facilitate organization of citizen fire councils to guide planning and coordinated action
- Improve community safety through:
 - ✓ Coordination
 - ✓ Education
 - ✓ Training
 - ✓ Fuel modification
 - ✓ Fire Prevention
 - ✓ Public Safety
- Enhance fire protection through:
 - ✓ Improved fire prevention and public education
 - ✓ Improved coordination within the community
 - ✓ Development of long-term strategies
- Reduce the potential for and the consequences of wildfire.

STATEMENT OF LIABILITY

The activities suggested by this guidance document, the assessments and recommendations of fire officials, and the plans and projects outlined by the citizen fire council, are made in good faith according to information available at this time. The community wildfire committee is responsible for the actions taken under this plan. The Utah Division of Forestry, Fire and State Lands can make no guarantees regarding the level of success users of this plan will experience. Wildfire still occurs, despite efforts to prevent it or contain it; the intent of all decisions and actions made under this plan is to reduce the potential for and the consequences of wildfire.

Last revised August 2008

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ABOUT THIS DOCUMENT

This document provides the outline for and specifies the information recommended for inclusion in a wildfire plan. If possible, the community should create its own document using a word-processing program, following the format outlined here; however, this workbook format has been created to provide whatever assistance possible in facilitating this process.

Introduction -- Partnerships and Collaboration

Depending on where the community is located, various federal and state partners will be involved. This section outlines who was involved in identifying the risks and treatments within and around the community.

Part I – Community Description

The community description identifies community resources that can be used to complete the goals of the plan, and a physical description of the community to guide wildfire preparation and response decisions.

Part II – Community Prescription

The community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.

Part III – Resources

This section contains a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.

Part IV – Technical Assessments

This section includes fire officials' assessments and ratings of the wildfire hazard in the community, and their recommendations for actions to mitigate hazards.

Appendix

The information to be included in the appendix is primarily determined by the community and fire officials: data, assessments, maps, contact lists, project worksheets – whatever might prove useful to the community.

RESOURCES

For resources to complete a wildfire plan for your community, consider organizations such as the following:

- | | |
|--|--|
| ✓ Local / Primary fire protection provider | ✓ County fire agencies |
| ✓ Local Resource, Conservation and Development Districts | ✓ County emergency management services |
| ✓ Utah Division of Forestry, Fire and State Lands | ✓ American Red Cross |
| ✓ Utah State Fire Marshal (Dept. of Public Safety) | ✓ USDA Forest Service |
| ✓ Utah Comprehensive Emergency Management | ✓ U.S. Department of Interior Agencies |
| ✓ Utah Living With Fire | ✓ Utah Resource Conservation Districts |
| ✓ FireWise | ✓ Utah Soil Conservation Districts |

Contact information for some of the above-listed agencies is included in the back of this document.

For information concerning the Community Fire Planning guidance document, contact the Utah Division of Forestry, Fire and State Lands, P.O. Box 145703, Salt Lake City, Utah 84114-5703. Or, e-mail tyreholfeltz@utah.gov. The Community Fire Planning guidance document is available at <http://www.ffsl.utah.gov/firemgt/WUI/CFP/CFP-workbook3.doc>.

Completed Community Fire Plans should be submitted to your local Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands.

ACKNOWLEDGMENTS

The Utah Division of Forestry, Fire and State Lands would like to thank Kathy Hammons and Janet Johnson of Community Solutions, Inc. for their input and work on this document. The Division also appreciates those agencies whose publications inspired the creation of this document, such as the Pennsylvania Model Prevention, Pre-suppression and Preparedness Plan, the Colorado State Forest Service Wildfire Hazard Mitigation and Response Plan, the Big Sky Fire Management Strategy, Utah's Wildland-Urban Interface Fuel Load Reduction Community Level Protection document, and others. Finally, thanks to Arthur W. DuFault, former Utah State Forester and National Fire Plan Coordinator, who initiated this endeavor for the State of Utah.

**Utah Community Fire Planning
Community Fire Planning Checklist**

INSTRUCTIONS

This checklist is provided to help the community track its progress in development of its community wildfire plan. The Community Wildfire Council is responsible for completing Sections I and II; fire officials are responsible for completing Section IV. Section III and the Appendix should be a joint effort between the community and fire officials.

It is requested by state fire officials that the structure of the community fire plan follow this outline; this will provide continuity among Utah's community fire plans, and facilitate information sharing in emergency situations.

Community: Park City Fire District **County:** Summit County

Primary Contact: Chief Paul Hewitt **Phone:** 435-940-2501

Secondary Contact: Assistant Chief Scott Adams **Phone:** 435-940-2532

Section		Completed (√)	Date
I.	Community Description		
	Declaration and Concurrence	√	7/7/12
	Planning Committee Members List	√	7/7/12
	Community Legal Structure	√	7/7/12
	Population	√	7/7/12
	Values at Risk	√	7/7/12
	Natural Resources at Risk	√	7/7/12
	Commercial Entities	√	7/7/12
	Formal Associations	√	7/7/12
	Media Support	√	7/7/12
	Schools	√	7/7/12
	Transportation (Railroad, Highway)	√	7/7/12
	Private Emergency Service and Equipment Capabilities	√	9/17/12
	Restricting Covenants, Ordinances	√	9/17/12
	Insurance Rating	√	9/25/12
	Physical Description		
	Access	√	8/29/12
	Roads	√	8/29/12
	Driveways	√	8/29/12
	Structures	√	8/29/12
	Bridges, Culverts, Gates	√	8/29/12
	Utilities	√	8/29/12
	Sewage System	√	8/29/12

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Section		Completed (√)	Date
II.	Community Prescription		
	Goals of Plan	√	9/18/12
	Identification of Actions	√	9/18/12
	Identification of Responsible Parties, Resources, and Priorities	√	9/18/12
III.	Resources		
	List of resources available in a community wildfire reference library.	√	10/25/12
IV.	Technical Assessments		
	A. Community Description		
	Area	√	10/25/12
	Topography and Vegetation	√	10/25/12
	Infrastructure	√	10/25/12
	Water Supply	√	6/11/13
	Emergency Services / Equipment Capabilities	√	6/11/13
	Hazard Evaluation		
	Area Fire History	√	6/13/13
	Subdivision Hazard Rating	√	6/13/13
	Property / Structure Ratings	√	6/13/13
	Expected Fire Behavior	√	6/13/13
	B. Community Prescription		
	Fuel Modification Projects	√	
	Infrastructure Improvements	√	9/18/12
	Education	√	9/18/12
	Wildfire Response / Pre-Attack Plan	√	9/18/12
	Monitoring and Evaluation	√	6/13/13
	Evacuation Plan	√	6/13/13
	Appendices		
Emergency contact lists	√	6/13/13	
Technical Assessments	√	6/10/13	
Maps (topography, escape routes, etc.)	√	9/12/12	

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INSTRUCTIONS

Declaration and Concurrence Page

This list needs to be customized to the individual plan. Provide the names and affiliations of all fire partners. This page will then be signed after all fire partners have reviewed the plan and concur with its contents. Fire partners should include – but are not limited to – homeowners, developers, home association representatives, fire department personnel, police, emergency management, Forest Service, BLM, etc. An Area Manager or Fire Management Officer from the Utah Division of Forestry, Fire and State Lands must be included.

SAMPLE

Name / Affiliation: Richard Dixon, Developer

Signature: *Richard Dixon* Date: 03/31/02

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

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Declaration and Concurrence Page, continued

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

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Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

Name / Affiliation: _____

Signature: _____ Date: _____

**INTRODUCTION
PARTNERSHIPS AND COLLABORATION**

Sample paragraph—Please briefly describe surrounding lands and the partners involved in coordinating the treatments identified in the Community Fire Plan. This section can be added to as new projects and partners are developed.

In an effort to better prepare the residents of the Park City area for wildfire the Park City Fire District and Park City, Summit County leadership met with State personal to establish the CWPP shortly following the 2012 fire season. As an outcome of this process community meetings were held to education the citizenry of the things that they can do to prepare themselves for a wildfire. As part of these meetings the community and government officials also completed this CWPP that captures the plan of local citizens, private business and local governments to prepare for a wildfire by identifying specific projects to be undertaken in the preparation and defense of the communities covered by this document.

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PART I COMMUNITY DESCRIPTION

Directions: *This section is to be completed by the Community Wildfire Committee. A community description identifies community resources that can be used to complete the goals of the plan, as well as a physical description of the community that can help impact wildfire preparation and response decisions.*

INSTRUCTIONS

1. Planning Committee Members List

List the names, affiliations and phone numbers of the planning committee members, i.e. residents, council members, sheriff.

Name	Affiliation	Phone Number	E-mail
Hugh Daniels	Park City Municipal Emergency Mgr	435-615-5185	hdaniels@parkcity.org
Charles Stuart	Summit Park HOA	435-655-2776	Tupsu99@hotmail.com
Craig Eroh	Summit Park HOA	435-729-9096	mtnloddite@yahoo.com
Barbara Yamada	Brook Hollow Village HOA	435-649-1334	barbyamada@gmail.com
Matt Ciminelli	Jupiter Inn	716-472-3439	mattciminelli@gmail.com
Liza Simpson	Park City Municipal Council	435-729-0652	liza@parkcity.org
Kevin Callahan	Summit County Emergency Mgr	435-640-0510	kcallahan@summitcounty.org
Mary Cole	Holiday Ranchettes	435-649-5242	
Casey Vorwaller	PCFD	435-940-2500	cvorwaller@pcfd.org
Mark Arnold		321-230-2543	Mearnold1234@comcast.net
Jeff Riehl	Citizen	435-901-0739	Jeffrieh15@aol.com
Glenn Wright	Citizen	435-640-9280	Wright.glenn@gmail.com
Dana Edwards	Canyons	435-640-1606	dedwards@canyonsresort.com
Bradley Washa	PineBrook & BLM	435-729-0040	wasahfire@comcast.net
Kathi Thlers	Ranch Place/Canyons	435-901-9370	kthlers@canyonsresort.com
Strike Fongeallaz	Citizen – Old Town	435-645-8876	Strike767@yahoo.com
Scott Adams	PCFD	435-940-2532	sadams@pcfd.org
Paul Hewitt	PCFD	435-940-2501	phewitt@pcfd.org
Wade Carpenter	Park City Police Chief/Fire Marshal	435-615-5505	wade.carpenter@parkcity.org
Diane Foster	Park City City Manager	435-615-5151	diane.foster@parkcity.org
Phyllis Robinson	Park City PIO	435-615-5189	probinson@parkcity.org

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INSTRUCTIONS

2. Community Legal Structure

List the government entities associated with the community – city, town, unincorporated, special service district, homeowner association(s), other. Part of the purpose in this exercise is to help identify organizations through which grant funding – federal, state or other – can be channeled.

Organization	Contact Person	Phone Number	E-mail
Park City Fire District	Ch. Paul Hewitt	435-940-2501	phewitt@pcfd.org
Summit County	Bob Jasper	435-336-3200	rjasper@summitcounty.org
Park City Municipal Corp	Diane Foster	435-615-5151	diane.foster@parkcity.org
Snyderville Basin Water Reclamation District	Mike Luers	435-649-7993	mluers@sbwr.org
Snyderville Basin Recreation District	Rena Jordan	435-649-1564	renaj@basinrecreation.org
Park City School District	Tom Van Gorder	435-645-5600	tvangorder@pcschoools.us
Mountain Regional Water Special Service District	Marti Gee	435-940-1916	mgee@mtregional.org

INSTRUCTIONS

3. Population (Park City Fire District Service Area including Promontory)

Provide information regarding the population of the area.

Approximate number of homes:	<u>19,285</u>
Approximate number of unimproved lots:	<u>3,520</u>
Approx. number of commercial entities:	<u>1,530</u>
Approx. number of agricultural buildings:	<u>245</u>
Approximate number of full-time residents:	<u>35,000</u>
Approximate number of part-time residents:	<u>20,000 (seasonal and second homes owners)</u>
Approx. visitor population during fire season:	<u>10,000 – 15,000 (fluctuates with special events)</u>

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INSTRUCTIONS

4. Estimated Values at Risk

Provide an approximation of the estimated current values of residential and commercial property in the subdivision. The County Assessor should be able to assist with this information.

The estimated taxable values at risk of residential and commercial property as of 12/31/2011 are approximately

\$ 12,265,820,000. (Per Summit County Assessor's Office – see appendix)

INSTRUCTIONS

5. Natural Resources at Risk

Describe the natural resources at risk in the subdivision and surrounding area, such as watershed, forest products, wildlife, recreation tourism, etc.

Oak, Maple, Evergreen, Conifer, Aspen, Scrub; Wilderness Values; Deer, Elk, Moose, Beaver, small animals, (lifts, towers, tows, structures, snow making, reservoirs); extensive trail system,

reptiles, birds and other wildlife; protected open space, extensive trail system; significant watershed; Very large

Year-round Recreation and Tourism economy which includes but is not limited to; Historic Mine and other structures, Ski industry infrastructure towers, tows, structures, snow making, ski runs, reservoirs); extensive trail system, parks, nature preserves and view sheds

INSTRUCTIONS

6. Commercial Entities

List contact information for commercial entities in the area (not just in the subdivision).

Organization	Contact Person	Phone Number	E-mail	Address
Park City Mountain Resort	Brian Suhadolc	801-301-1500	brian@pcmr.com	P O Box 39, Park City, UT 84060
Deer Valley Resort	Chuck English	435-645-6904	cenglish@deervalley.com	P O Box 1525, Park City, UT 84060
Canyons Resort	Tim Hagan	435-640-6246	thagan@canyonsresort.com	4000 Canyons Resort Dr., Park City, UT 84098
Utah Olympic Park	Colin Hilton	435-658-4227	colin@utaholympiclegacy.com	P.O. Box 980337, Park City, UT 84098
Historic Main Alliance	Alison Butz	435-658-9612	alison@historicparkcityutah.com	PO Box 1348 Park City, UT 84060
Swaner Nature Preserve	Jon Paulding	435-252-3575	jon.paulding@usu.edu	1258 Center Drive Park City, UT 84098
Tanger Outlets		435-645-7078		6699 North Landmark Dr. Park City UT 84098
Quarry Village		435-200-0023		3126 Quarry Rd. Park City, UT 84098
National Ability Center	Gail Loveland	435-649-3991	info@discoverNAC.org	PO Box 682799, Park City, UT 84068
Park City Technology Park	Under Construction			

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Iron Horse Business District	Mary Wintzer	435-649-2741		Iron Horse Dr. Park City, UT 84060
Intermountain Healthcare – Park City Medical Center	Robert Allen	435-658-7000		900 Round Valley Dr. Park City, UT 84060
Walmart	Jason Lundy Asset Protection Mgr	435-647-9909	Jason.Lundy@wal-mart.com	6545 N Landmark Dr., Park City, UT 84098
Home Depot		435-649-1467		1595 Old Highway 40 Park City, UT 84098
Other Commercial Areas:	Resort Center	Redstone Center	Prospector Square	Holiday Village
Silver Creek Business Center				
See local Yellow Pages for other Commercial Entities				

FOR AREA HOMEOWNER’S ASSOCIATIONS SEE ATTACHMENT “A”

INSTRUCTIONS

7. Formal Associations

List contact information for civic groups, churches, volunteer organizations, senior citizen groups, youth groups, etc.

Organization	Contact Person	Phone Number	E-mail
Interfaith Council	Leanne White Christian Center of PC	435-649-2260	Leanne@ccofpc.org
LDS Stakes (Jeremy, Park City)	Park City Stake	435-649-0725	
St. Mary’s Catholic Church		435-649-9676	info@stmarysparkcity.com
Park City Area Lodging Association	Jeff Bennett, President Deer Valley Club	435-647-0055	info@pcala.org
Park City Restaurant Association	Ginger Ries	435-640-1168	pcrestaurants@gmail.com Ginger.ries@me.com
Historic Park City Alliance	Allison Butz	435-658-9612	info@historicparkcity.com
Friends of Animals	Claudia McMullain	435-901-2123	cmcmullin@foautah.org
Recycle Utah	Insa Riepen	435-649-9698	Director@recycleutah.org
PC Rotary	Christina Miller		
Sunrise Rotary	Connie Nelson		
CERT	Kevin Callahan, SCEM	435-640-0510	kcallahan@summitcounty.org
Snyderville Basin Recreation District	Rena Jordan	435-649-1564 Ext 29	renaj@basinrecreation.org
LEPC	Eric Hales, PCFD	435-940-2508	ehales@pcfd.org

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INSTRUCTIONS

8. Media Support

List contact information for local media, such as newspapers, newsletters, television, radio, websites, etc.

Organization	Contact Person	Phone Number	E-mail
KPCW	Leslie Thatcher	435-649-9014	lthatcher@kpcw.org
Park Record	Nan Chalat-Noaker Jay Hamburger	435-649-9004	editor@parkrecord.com citynews@parkrecord.com
PCTV	Stanton Jones	435-640-5555	Stanton@pctv.com
Salt Lake Tribune	Chris Smart	801-237-2800	csmart@sltrib.com
KUER	News Desk	801-581-5015	Fm90@kuer.org
Amateur Radio	Gary Hayes	801-597-8392	Kc7epy@comcast.net
Park City Web/Twitter/FB	Phyllis Robinson	435-615-5189	probinson@parkcity.org
Summit County Web/Twitter/FB	Karsten Moench	435-336-3149 801-792-4822	kmoench@summitcounty.org
Park City Police Dept Twitter/FB	Capt. Phil Kirk	435-615-5512 435-615-5524	pkirk@parkcity.org
Summit County Sheriff Twitter/FB	Ron Bridge	435-615-3546 435-615-3600	rbridge@summitcounty.org
Summit Wildfires Blog	Katie Mullay, SCHD	435-513-0444	kmullaly@summitcounty.org

INSTRUCTIONS

9. Schools

List contact information for all public and private schools in the community.

School	Contact Person	Phone Number	E-mail	Address
Park City District	Tom Van Gorder	435-645-5600	tvangorder@pcschoools.us	2700 Kearns Blvd Park City, UT 84060
Park City HS	Bob O'Conner	435-645-5650	boconnor@pcschoools.us	1750 Kearns Blvd Park City, UT 84060
Treasure Mountain Junior High	David McNaughtan	435-645-5640	dmcnaughtan@pcschoools.us	2530 Kearns Blvd Park City, UT 84060
McPolin ES	Greg Proffit	435-645-5630	gproffit@pcschoools.us	2270 Kearns Blvd Park City, UT 84060

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Jeremy Ranch ES	Shawn Kuennen	435-645-5670	skuennen@pcschoools.us	3050 Rasmussen Rd, Park City, UT 84098
Trailside ES	Dr. Kathleen Einhorn	435-645-5680	keinhorn@pcschoools.us	5700 Trailside Dr Park City, UT 84098
Ecker Hill MS	Traci Evans	435-645-5610	tevans@pcschoools.us	2465 West Kilby Rd, Park City, UT 84098
Parleys Park ES	David Gomez	435-645-5620	dgomez@pcschoools.us	4600 Silver Springs Drive Park City, UT 84098
Weilenmann Discovery	Mary Kimball	435-575-5411	marykimball@wsdpc.org	4199 Kilby Road Park City, UT 84098
Park City Day School	Charlie Sachs	435-649-2791	csachs@parkcitydayschool.org	3120 Pinebrook Road, Park City, UT 84098
Winter School	Rob Clayton	435.649.8760	rclayton@wintersportsschool.org	P.O. Box 1998 Park City, UT 84060
Montessori School	Duna Strachan	435-649-3626	duna@soaringwings.org	
Park City Preschool				

INSTRUCTIONS

10. Transportation

List contact information for any railroad, highway, or other public transportation routes or means in the community.

Organization	Contact Person	Phone Number	E-mail
Park City/Summit County Transit	Kent Cashel	435-615-5360	kcashel@parkcity.org
Park City Municipal Corp	Pace Erickson	435-615-5311	perickson@parkcity.org
Summit County	Kevin Callahan	435-336-3978	kcallahan@parkcity.org
UDOT		801-965-4000	srwebmail@utah.gov
Park City Transportation/Lewis Brothers Stages (private)		435-649-8567	

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INSTRUCTIONS

11. Private Emergency Services and Equipment

List privately owned equipment and services available for wildfire response (such as tow trucks, bulldozers, etc.), with contact information. If such services or equipment are already contracted under the County Mobilization Plan, they should not be listed here.

Type of Equipment	Contact Person	Phone Number	E-mail	Address
Earth-moving equip., generators, saws, trailers, etc.	Diamond Rental & Tools	(435) 645-7840	store13@diamondrental.com	6450 Silver Creek Drive, Park City
Earth-moving equip., Dump Trucks	Geneva Rock Prod. Inc.	(435) 649-3033	N/A	4219 E Atkinson Rd., Heber
Bulldozers, Loaders, Snow Removal equip., Snowcats	Deer Valley Resort-Bob Wheaton	(435) 513-2787	admin@deervalley.com	2250 Deer Valley Dr. South, Park City
Bulldozers, Loaders, Snow Removal equip., Snowcats	Park City Mtn. Resort-Brian Suhadolc	(801) 301-1500	PCMRinfo@pcmr.com	1345 Lowell Avenue, Park City
Bulldozers, Loaders, Snow Removal equip., Snowcats	The Canyons Resort-Tim Hagan	(435) 640-3301	info@canyonsresort.com	4000 The Canyons Resort Dr., Park City

INSTRUCTIONS

12. Restricting Covenants, Ordinances, etc.

Describe any pertinent restricting covenants, ordinances, etc. concerning wildfire in the community. For example, home association bylaws may have requirements regarding building construction materials or vegetation removal, or regarding access in a gated community.

Source	Details
Park City Fire Service District	Shake Shingle Roofs are not permitted.
Park City Fire Service District	Access gates for gated communities must be fire service accessible.
Park City Fire Service District	All communities must have 2 paths of evacuation.
Park City Fire Service District	Fire Access Roads cannot be blocked at any time.
Park City Fire Service District	Homes in the WUI must be fire sprinklered.

INSTRUCTIONS

13. Insurance Rating

Provide the current insurance rating for the community. (The community's primary fire protection provider should be able to assist with this information.) (Site the source of the insurance rating.)

Fire Insurance Rating: Park City-2, Summit County-3, No Water-9 (ISO Ratings) (See appendix B)

Utah Community Fire Planning

INSTRUCTIONS

14. PHYSICAL DESCRIPTION

While completing the following assessments of the community, consider the height, width, weight, and turnaround needs of emergency equipment. Exact clearance requirements may vary by community.

Road clearance height	$\geq 13'6''$	Dead end street turnaround	$\geq 100'$ diameter
Road clearance width	$\geq 20'$	Bridge/culvert weight limit	≥ 20 tons per axle
Driveway clearance height (outside)	$\geq 13'6''$	Driveway turnarounds*	$\geq 30'$ (inside turning radii), 45'
Driveway clearance width	$\geq 12'$	Driveway turnouts**	$\geq 10'$ wide and 30' long

* for driveways in excess of 150' in length

** for driveways in excess of 200' in length and less than 20' in width

INSTRUCTIONS

A. Access

Provide detailed information regarding access to the community, including all-weather and seasonal access.

i. Directions to community:

From the west – I-80 westbound, exits 146- 145
From the northeast – I-80 eastbound, exits 141-146
From the east US-40 northbound and southbound exits 2-4

ii. All-weather access:

I-80
US 40
SR 248/224
Local roads

iii. Seasonal access:

SR 224 at Guardsman Pass
Restricted access via Deer Crest

Utah Community Fire Planning

INSTRUCTIONS

B. Roads

Provide information regarding the condition and types of roads in the community. Percentages are ideal, but general estimations are sufficient.

- i. **Most** road signs are present.
- ii. **96%** are pavement; **2%** are gravel; **2%** are dirt
- iii. **Most** will support **two lanes** of traffic. **(based upon neighborhood and snowfall)**
- iv. **Some** are loop roads.
- v. **Some** are dead-end roads. Of these, **most** have adequate turnaround space available at the end of the road for emergency equipment (based on turning radius listed in front of this section.)
(specific concerns regarding Summit Park and Old Town neighborhoods)

INSTRUCTIONS

C. Driveways

Provide a general assessment of the driveways in the community, in regard to emergency equipment (based on height and width information listed in front of this section) and emergency response.

- i. Most driveways width and height clearance, road grades and vegetation appearance are **adequate** for emergency equipment. **Specific concerns regarding grade and slope considerations for driveways in particular.**
- ii. **Few** individual homeowners have posted their name and address.

INSTRUCTIONS

D. Structures

Assess the community in regard to building structures and wildfire hazard – construction materials, visibility, etc. Percentages are ideal, but general estimations are sufficient.

- i. **Most** are of wood-frame construction.
- ii. **Most** have wood decks or porches.
- iii. **Some** have wood shake or shingle roofs.
- iv. **Many** are visible from the main subdivision road. **Specific concerns expressed for Summit Park and Deer Valley areas.**

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INSTRUCTIONS

E. Bridges, Gates, Culverts, other

Assess the community's infrastructure for potential obstacles to emergency response. Consider weight, height, and width information of emergency vehicles as listed in front of this section.

- i. **All** bridges support emergency equipment.
- ii. **All** gates provide easy access to emergency equipment.
- iii. **All** culverts are easily crossed by emergency equipment.

INSTRUCTIONS

F. Utilities

Assess and provide information on the utilities serving the community, in regard to wildfire hazard and emergency response capabilities.

- i. Telephone service is **below and above** ground.

Provided by: Century Link (formerly Qwest) Telephone number: 800-573-1311
Provided by: Comcast/Xfinity Telephone number: 800-266-2278
Provided by: Dish Telephone number: 800-200-3102
Provided by: DirectTV Telephone number: 800-531-5000

- ii. Electrical service is **below and above** ground.

Provided by: Rocky Mountain Power Telephone number: 888-221-7070

- iii. Are there homes/structures utilizing propane? **Yes**

If yes: **99%** of those propane tanks are **above ground**

If some are above ground: **few** are marked with a flag or by other highly visible means

List locations of those propane tanks above ground:

To be mapped on GIS during neighborhood assessments

- iv. Are there homes/structures utilizing natural gas? **Yes**

- v. Primary water sources

Approximately 80 % of homes use central water system.

Approximately 15 % of homes use individual wells.

Approximately 5 % of homes have additional private water source.

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Water provided by: <u>Park City Municipal Corp</u>	Telephone number: <u>435-615-5030</u>
<u>Summit Water Dist Co</u>	Telephone number: <u>435-649-7900</u>
<u>Mountain Regional Water SSD</u>	Telephone number: <u>435-950-1916</u>
<u>Gorgoza Mutual Water Co</u>	Telephone number: <u>435-649-7948</u>
<u>Jordanelle Special Service District</u>	Telephone Number: <u>435-940-9515</u>

Utah Community Fire Planning

PART II: COMMUNITY PRESCRIPTION

Directions: This section is to be completed by the Community Wildfire Committee. A community prescription includes the goals of the plan, identifies specific actions needed to complete the goals of the wildfire plan and identifies responsible parties, resources and priorities.

INSTRUCTIONS

1. Goals of Plan

Provide a brief statement of the goals of the Community Wildfire Plan. **Each plan must address the following: Fuel Reduction, Facilities and Equipment, Education, Emergency Response Plan, Regulative Issues, and Evaluation and Maintenance.**

The fuel reduction projects can identify goals for projects on both private and public land.**

2. Identification of Actions

Describe projects that need to be done to complete the goals of the plan, and to perform annual and periodic maintenance of the plan.

3. Identification of Responsible Parties, Resources and Priorities

Outline how the actions described in Item 2 will be accomplished, by listing responsible parties (person or organization who is responsible for each action), a timeline agreed upon by the community council and interested parties, and priorities (designating of each action as high, medium or low priority).

** The Healthy Forest Restoration Act of 2003 is a federal act that gives priorities to projects identified in a community fire plan. When communities identify fuel mitigation projects on adjacent public lands that would increase the likelihood of the community’s wellbeing, this allows the federal agencies to plan, process and implement projects on these public lands in an expedited manner.

GOALS/PURPOSE OF PLAN

- A. Community will decrease fuels within the community to reduce wildfire intensity and impact in and around the community.
- B. Community will work with county, state and federal fire officials to decrease fuels on adjacent public lands to reduce wildfire intensity and impact in and around the community
- C. Community will evaluate, upgrade and maintain community wildfire preparation and response facilities and equipment.
- D. Community will help educate community members to prepare for and respond to wildfire.
- E. Community will develop and implement a comprehensive emergency response plan.
- F. Community will actively address identified regulative issues impacting community wildfire prevention and response needs.
- G. Community will regularly evaluate, update and maintain planning commitments.

Goal A: Community will decrease fuels within the community to reduce wildfire impact in and around the community.

Action(s):	Timeline:	Responsible Party:	Priority:
Work with Resorts, DVR, PCMR and Canyons to reduce fuels	Ongoing	PCFD, Resorts, FFSL, PCMC, Summit County	High
Increase the number of homes & HOAs with defensible space	Ongoing	PCFD, FFSL, PCMC, Summit County	High
Investigate additional chipping options for the entire CWPP area potentially with state resources	Ongoing	PCFD, Summit County, PCMC, Resorts, FFSL,	Medium

Utah Community Fire Planning

Educate the landscaping contractor community in Firewise landscaping & defensible space	Ongoing	PCFD, Summit County, PCMC, FFSL	Medium
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Notes and Updates:

Look into a track chipper/trailer or other similar equipment to be shared by the resorts, city and county (approx. cost \$150K plus maintenance)
 Explore UDOT's ability to double mow grasses on I-80, US-40, UT224 & UT 248
 FFSL may have educational tools for education

Goal B: Community will work with county, state and federal fire officials to decrease fuels on adjacent public lands to reduce wildfire intensity and impact in and around the community.

Action(s):	Timeline:	Responsible Party:	Priority:
Develop and implement a vegetation/fire management plan for large public open space areas	2-3 years	PCMC, Summit County, FFSL	High

Notes and Updates:

Confirm that there are no restrictions on open space deeds that would prohibit vegetative fire breaks and/or wider trails

Goal C: Community will evaluate, upgrade and maintain community wildfire preparation and response facilities and equipment

Action(s):	Timeline:	Responsible Party:	Priority:
Firefighting Helicopter with Bucket	Spring 2014	Park City Fire District. Summit County	Medium
New Fire Station at Quinn's Junction New Fire Station at Summit Park	Spring 2014	Park City Fire District	Medium
2 Type-3 Fire Engines, 2 Water Tenders (3500 gallons)	Fall 2013	Park City Fire District	High

Notes and Updates:

Goal D: Community will develop and implement a comprehensive emergency response plan.

Action(s):	Timeline:	Responsible Party:	Priority:
Identify evacuation routes with signage	Fall 2013	PCFD, PCMC, H.O.A. Groups	High
Communicate fire evacuation plans to residents	Fall 2013	PCFD, PCMC	Medium
Finish Community Fire Plan and Pre-attack Plans	Dec. 2012	PCFD, PCMC, Summit County	High

Notes and Updates:

Utah Community Fire Planning

Goal E: Community will actively address identified regulative issues impacting community wildfire prevention and response needs.

Action(s):	Timeline:	Responsible Party:	Priority:
Educate H.O.A Groups to post fire regulation signs at the entrance to each H.O.A community.	Summer 2013	PCFD, H.O.A Groups	Medium
Educate H.O.A Groups to review their covenants and create fire mitigation rules if not already in place; also remove conflicting rules from the covenants	Summer 2013	H.O.A Groups	Medium
Develop model WUI code for new structures	Spring 2014	PCFD, Building Officials, Planning Depts PCMC/SC	Medium

Notes and Updates:

Goal F: Community education about wildfire risk, preparation and response.

Action(s):	Timeline:	Responsible Party:	Priority:
Promote awareness that PC is within the Wildfire Urban Interface and at high risk for wildfire	May – October annually	PCFD, PCMC, SC	High
Have Firewise Utah booth at community events (e.g. Silly Market, Wed Concerts at DV, 4 th of July, Miners Day)	May – October annually	PCFD, FFSL	Medium
Encourage additional communities to become Firewise/develop CWPP & acknowledge those that complete this work	2013-2015	PCFD, FFSL	Medium
Maintain and expand as able Chipper Program to reduce fuel load	2013- 2014	PCFD, FFSL	High
Model fire hazards throughout PCFD (sandbox exercise)	Nov 2012	PCFD, PCMC, SC	High

Notes and Updates:

Utah Community Fire Planning

PART III: RESOURCES

Directions: This section is to be completed through joint effort between the Community Wildfire Committee and fire officials. This section will contain a list of wildfire preparation and response resources that are selected by the community for retention in a community wildfire reference library.

INSTRUCTIONS

List of Resources

List wildfire preparation and response resources to be retained in a community wildfire reference library, such as brochures, leaflets, books, magazines, videos, charts, etc.

Informational Materials

General Fire Prevention

- “Are You Living in the Red?” pamphlet (Utah Fire Assessment Project: Bureau of Land Management et.al.)
- “How to Protect Your Home: It Could Happen to You” (USDA Forest Service)
- “How to Reduce Wildfire Risk” Tree City USA Bulletin (The National Arbor Day Foundation)
- “Living With Fire” video and pamphlet (Utah Living With Fire)
- “Protect Your Hide-away Home” pamphlet (Utah Department of Natural Resources)
- “Protecting Residences from Wildfire” (USDA Forest Service)
- “Protecting Your Home Against Wildfire” video (National Wildfire Coordinating Group)

Landscaping/Building

- “Firewise Landscaping for Utah” (Utah State University Extension)
- “Firewise Plants for Utah Landscapes” Utah Forest Facts newsletter (Utah State University Extension)
- “How to Landscape for Safer Hillside Living” pamphlet (Los Angeles City Fire Department)

Community Planning

- “Community Involvement in Fire Prevention” (Fire Management Notes Vol. 42)
- “Community Planning: An Introduction to the Comprehensive Plan” (Kelly, Becker; Island Press)
- “County Land Use Planning: How Can Planners Help the Fire Services in Protecting Homes from Wildfire” (USDA Forest Service, General Technical Report INT 251)
- “Development Strategies in the Wildland/Urban Interface” (Western Fire Chiefs Association)
- “The Greenbelt Concept: Safeguarding Your Community with Planning Buffer Zones” (American Fire Journal)

Evacuation Planning

- “Fire Alert, Warning and Evacuation” guidance document (Utah Div. of Emergency Management)

Websites

- Utah’s Forestry, Fire and State Lands—<http://www.ffsl.utah.gov>
- FireWise Home Page -- <http://www.firewise.org>
- Forest Service Fire Management Website -- <http://www.fs.fed.us/r3/sfe/fire/index.html>
- Independent Sector <http://independentsector.org>
- Insurance Services Office (town fire ratings) -- <http://www.isomitigation.com/>
- National Fire Protection Association -- <http://www.nfpa.org>
- National Interagency Fire Ctr, Wildland Fire Prevention/Education – <http://www.nifc.gov/preved/rams.html>
- Park City Fire District website – www.pcfcd.org
- Summit County Wildfire Blog www.summitwildfires.com
- U.S. Department of Agriculture “How to Get Information” (contacts) – <http://www.usda.gov/news/howto/nre.htm>
- Utah BLM Fire Management Website – <http://www.ut.blm.gov/fire/Assessment/assessment.html>
- Utah Fire Info <http://utahfireinfo.gov>
- Utah Twenty-First Century Communities Program - <http://www.dced.state.ut.us/21century/index.htm>

Utah Community Fire Planning

**PART IV:
TECHNICAL ASSESSMENTS**

Directions: This section is to be completed in conjunction with fire officials. Include any technical data and information which will support or supplement the information provided by the Community in Parts I and II. Specific information is requested in order to provide consistency among fire plans within the state.

INSTRUCTIONS

A. Community Description

Fire officials are to provide detailed assessments and information regarding this community. Documentation from assessments, ratings, surveys, etc. should be included in the Appendix, along with maps.

1. Physical Description

a. Area

Legal description:

See WUI Maps in Appendix A
All the lands within the Park City Fire Special Service District

USGS Map Quadrangle (optional):

VOR RAD distance (optional):

b. Topography and Vegetation

Slope

Average 35% Range 0 % to 147 %

Aspect (predominate) **East** (Cardinal direction) **East**

Describe the vegetation in the area:

Oak Brush, Sagebrush and grasses, Subalpine Fir, White Pine, Douglas Fir
--

c. Water Supply

Ponds / Creeks / other natural water sources:

See Appendix A

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Utah Community Fire Planning

Hydrants:

The hydrants in the communities meet the fire code and are added as a map in Appendix B

d. Emergency Services / Equipment Capabilities

Describe the types of emergency services and equipment available from local, county, state and federal resources.

911 Services:	County Dispatch Center- Melanie Crittenden 435-640-3882 Park City Dispatch Center – Maggie Petersen – 435-615-5524
Local:	Type-IV & 1 Type-VI South Summit Scott Anderson 435-640-4141 1 Type-IV & 1 Type-VI North Summit Jodi Robinson 801-455-2849
County:	1 - 5000 gal Tender Kevin Callahan 435-336-3978 1 - 1200 gal Tender 1 - Dozer
State:	3 - Type-VI Summit County Fire Warden - Bryce Boyer 435-640-2075 Wasatch County Fire Warden -Troy Morgan 435-671-2075 Duchesne County Fire Warden – Nathan Robinson 435-790-4741
Federal:	1 - Type-6 Robert Lamping 801-732-2672

Note: Summit County MOB guide has been included in Appendix B for additional resources and contacts.

2. Hazard Evaluation

a. Area Fire History

Month/Year of fire	Fire Name	Ignition source	Acres burned
July 2005	Deer Creek Dam Fire		230
Sept. 2005	191 I-80		108
Aug. 2007	Echo Canyon		185
Sept. 2007	Henefer Horseshoe		185
June 2008	Mill Hollow		670
Oct. 2008	Boiler Fire		125
Aug. 2012	Fox Bay		540
Aug. 2012	Whiskey Fire		244
Oct. 2012	Echo Jr.		311

b. Subdivision rating

The subdivision is rated **Extreme** for wildfire hazard.

Documentation for this rating is in the Park City Community Fire RiskAssessment in Appendix B.

Utah Community Fire Planning

c. Property / Structure Rating

All lots will be rated for wildfire hazard, as arranged by the Fire Council with fire officials and as permitted by the owners. The estimated time of completion for all ratings is 100 per year until done.

See Individual Lot Assessment Form in Appendix D.

Documentation of individual property ratings should be included in the Appendix.

d. Expected Fire Behavior

Included as a PDF in Appendix B.

The following will serve as a general guideline of expect fire behavior for those communities covered under this CWPP.
1. Grass fuel types will have rates of spread exceeding ½ mile per hour with spotting up to 1/3 mile.
2. Timber fuel types will have very intense fires with rates of spread averaging 561 feet per hour with firebrand spotting at ½ mile will have over a 80% probability of starting new fires. Additionally, tree torching will occur with active crown fire.
3. Shrub fuel types will have high rates of spread averaging 32 chains per hour (2,112 feet) with very high fire line intensity creating high severity fires impacts. Firebrand spotting at ½ mile will produce new fire with a probability of 84%.

INSTRUCTIONS

B. Community Prescription

Based on the information collected, provide recommendations for action under each of the following categories. Fuel modification project plans should include recommendations for ongoing maintenance.

1. Fuel Modification Projects

Project(s) (briefly identify)	Timeframe	Person in Charge
Convene the resorts for development of a comprehensive, long-term vegetation, forest health & fuel reduction plan	By July of 2013	PCMC lead with PCFD, SC & FFSL
Integrate the state (FFSL) resources into the existing county and PCFD chipping programs	By Spring 2013	Ken Ludwig
Develop and implement public open space “green spacing” fire breaks and wider trail mowing in Round Valley using DWR & FFSL resources in conjunction with the local resources	By Fall of 1013	PCMC lead with SC, SBRD, & Summit Land Conservancy

2. Infrastructure Improvements (Utilities, Water Developments, Equipment Acquisition / Repair, etc.)

Project(s) (briefly identify)	Timeframe	Person in Charge
PCFD will apply for CIP Fire Grants for equipment	Next application period	Chief Eric Hales

Utah Community Fire Planning

Identify and install Evacuation Route signs in Thaynes, Bear Hollow/Sunpeak, Aerie and the Preserve	By Summer of 2014	PCFD lead with PCMC & SC

Notes: Once signs are in place, inform and educate community on citizen way out and PCFD way in routes

3. Education

Goal(s) (briefly identify)	Timeframe	Person in Charge
Email to HOAs educational pieces and links to CWPP, Firewise, Utah living with Fire, etc., including resources and a call to action by HOA boards	By Summer of 2013	Ch. Scott Adams with help from PCMC & SC
Utilize PSAs, media interviews, direct mail and other opportunities to educate the community on the CWPP and drive to PCFD website	By Summer of 2013	Phyllis Robinson Hugh Daniels Ch. Paul Hewitt
Schedule with PCFD, UT Living with Fire, PCMC to staff booths at selected special events to distribute education information about the CWPP and available resources.	By the Spring of 2014	Ch. Scott Adams with help from PCMC & SC
Investigate and use if able the ability to have Water Companies include CWPP information in billing mail	By Summer of 2013	PCFD with help from PCMC
Educate landscaping companies on Firewise and defensible space practices within the CWPP boundaries using FFSL programs	By Summer of 2013	PCFD with help from PCMC & SC

4. Wildfire Response / Pre-Attack Plan

A Pre-Attack Plan should be in place, with a detailed description attached. It should address the following:

Emergency notification procedures Fire protection responsibilities among agencies (private, state, federal lands; response times) Command responsibilities Pre-determined locations for... Command Post Staging Areas Safety Zones Helibase / Helispots	Factors in determining evacuation vs. shelter-in-place Traffic Control Briefing of personnel on safety and hazards Determining Operational Mode Determining resource needs (aircraft, mechanized, hand crews, water / chemical delivery systems) Determining assignments (reconnaissance, medical suppression, rehab)
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Specific Pre Plans for areas within the CWPP are in Appendix F.

5. Monitoring and Evaluation

Will be completed in conjunction with UFFSL as projects are undertaken.

Goal(s) (briefly identify)	Timeframe	Person in Charge

Utah Community Fire Planning		

APPENDIX

INSTRUCTIONS
<p>This section is to be filled as needed by both the Community Wildfire Council and fire officials. Items can include, but are not limited to:</p> <ul style="list-style-type: none"> • Contact Lists • Assessment Project Worksheets • Maps • Homeowner Checklists • Examples / Sample documents • Glossary

Appendices

Appendix A: Maps

Contents:	WUI	Schools
	Natural or Man-made Water Resources	Parks
	Hydrants	Churches
	Evacuation Routes	Medical Facilities
	WUI Slope & Vegetation	Project Areas

Appendix B: Supporting Documents

Contents:	HOA List	Expected Fire Behavior Outputs
	Community Value Assessment	Park City Community Risk Assessment
	ISO Ratings	Summit County MOB Guide

Appendix C: Contact List

USFS	Park City Fire District
UFFSL	

Utah Community Fire Planning

Appendix D: Forms

Utah Blank In-Kind Tracking	Community Fire Risk Assessment
Individual Lot Assessment Form	Permission Form
AG Liability Brief and Standards	

Appendix E: Educational Materials

Utah Firewise Living	Firewise Landscaping
Utah Prepare for Wildfire Pamphlet	

Appendix F: Pre-Attack Plans with Maps

Bear Hollow	Colony
Daly Canyon	Iron Canyon
Ontario to Empire Canyons	Red Hawk
Swanner	Upper Deer Valley
Fuels Map (Completed Projects)	

Appendix A

Maps

Park City WUI Area

Natural or Man-made Water Resources

Hydrants

Evacuation Routes

Schools

Parks

Churches

Medical Facilities

WUI Slope & Vegetation

Project Areas

Appendix B

Supporting Documents

HOA List

Community Value Assessment
ISO Rating

Behave Outputs

Park City Community Risk Assessment

Summit County MOB Guide

Appendix C

Contact Lists

Utah Division of Forestry, Fire and State Lands

USDA Forest Service

Park City Fire District

Appendix D

Forms and Information

Utah In-Kind Tracking Form

Utah Assessment Form for Individual Homes

Utah AG Liability Opinion

Utah Assessment Form for Community

Permission Forms

Appendix E

Education Materials

Utah Living with Fire Firewise Magazine

Utah Prepare for Wildfire Pamphlet

Utah Living with Firewise Landscaping

Appendix F

Pre-Attack Plans:

Pre-Attack Plan with Maps
Bear Hollow/Sun Peak QAP
Colony QAP
Daly Canyon QAP
Ontario/Empire QAP
Red Hawk QAP
Swanner QAP
Upper Deer Valley QAP