State of Utah

Community Wildfire Preparedness Plan

For the Wildland - Urban Interface

Rush Valley



June 2019



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

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Declaration and Concurrence Page

This list needs to be customized to the individual plan. Provide the names and affiliations of all cooperators. This page will then be signed after all cooperators have reviewed the plan and concur with its contents.

PETE ALBRECHT NAME SIGNATURE	Community Member/Landowner AFFILIATION DATE
KEVIN RUSSELL NAME	Community Member/Landowner AFFILIATION
SIGNATURE BRIAN JOHNSON NAME	DATE Community Member/Landowner AFFILIATION
SIGNATURE	DATE
NAME SIGNATURE	WUI Coordinator AFFILIATION 7/30/19 DATE
DAVE VICKERS NAME Out Under Signature	State Fire WFA AFFILIATION 8/13/20/9 DATE

DANIEL WALTON	Tooele County Fire Warden
NAME	AFFILIATION
_	
SIGNATURE	DATE
JENNIFER WILLIAMS	BLM
NAME	AFFILIATION
SIGNATURE	DATE
-	
BRIAN TRICK	WFA Area Manager AFFILIATION
NAME Brison SIGNATURE	AFFILIATION OS 13 Zaq DATE
JENNIFER HANSEN NAME	State WUI Coordinator
Demon Handon	August 8, 2019
SIGNATURE	DATE
NAME -	AFFILIATION
SIGNATURE	DATE

INTRODUCTION

Over 600 of Utah's communities have been classified as "at risk" of wildfire. The safety of the citizens of any community and the protection of private property and community infrastructure 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 with the local government and the citizen/owner.

The purpose of wildfire preparedness planning is to...

- Motivate and empower local government, communities, and property owners to organize, plan, and take
 action on issues impacting the safety and resilience of values at risk
- Enhance levels of fire resilience and protection to the communities and infrastructure
- Identify the threat of wildland fires in the area
- Identify strategies to reduce the risks to structures, infrastructure and commerce in the community during a wildfire
- Identify wildfire hazards, education, and mitigation actions needed to reduce risk
- Transfer practical knowledge through collaboration between stakeholders toward common goals and objectives

Outcomes of wildfire preparedness planning...

- Facilitate organization of sustainable efforts to guide planning and implementation of actions:
 - 1. Fire adapted communities 2. Resilient landscapes 3. Safe and effective fire response
- Improve community safety through:
 - ✓ Coordination and collaboration
 - ✓ Public awareness and education
- ✓ Firefighter training
- ✓ Fuel modification
- ✓ Improved fire response capabilities
- ✓ Fire prevention
- Development of longterm strategies

RESOURCES

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

- ✓ Local / Primary fire protection provider
- ✓ Local Resource, Conservation and Development Districts
- ✓ Utah Division of Forestry, Fire and State Lands
- ✓ Utah State Fire Marshal (Dept. of Public Safety)
- ✓ Utah Division of Emergency Management
- ✓ Utah Living With Fire
- ✓ Local fire agencies

- ✓ Local emergency management services
- ✓ USDA Forest Service
- ✓ U.S. Department of Interior Agencies
- ✓ Utah Resource Conservation Districts
- ✓ Utah Soil Conservation Districts

STATEMENT OF LIABILITY

The activities suggested by this template, associated checklist and guidance document, the assessments and recommendations of fire officials, and the plans and projects outlined by the community wildfire council, are made in good faith according to information available at this time. The Utah Division of Forestry, Fire and State Lands assumes no liability and makes 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 intention of all decisions and actions made under this plan is to reduce the potential for, and the consequences of, wildfire.

Last revised March 2016

This document provides the outline for and specifies the information recommended for inclusion in a wildfire preparedness plan. Completed Community Wildfire Preparedness Plans should be submitted to the local Area Manager or Fire Management Officer with the Utah Division of Forestry, Fire and State Lands for final concurrence.

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PLANNING OVERVIEW

Actions were taken over the year of 2017 and 2018 to meet mitigation efforts.

March 30, 2017: Town council voted and signed cooperative agreement

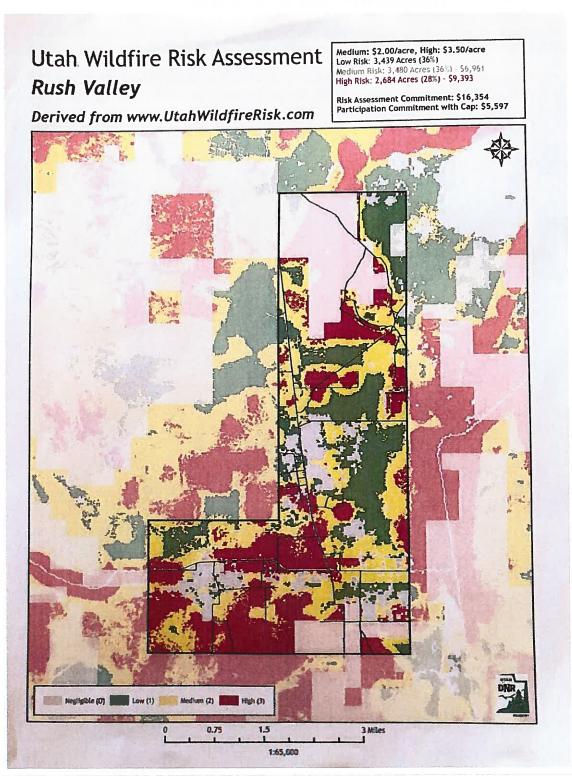
April 27, 2017: Held an unofficial meeting with fire department and fire warden to discuss the process of CWPP. Pete Albrecht was named the lead coordinator.

March 7, 2019: Chief's meeting—Kevin Russell touched base with Tiffany Demings to coordinate on working on CWPP. March 12, 2019: Pete Albrecht and Tiffany Demings spoke over phone about basic information for the CWPP; Tiffany emailed

March 14, 2019: Kevin Russell (Rush Valley Fire Chief), Pete Albrecht, Dan Walton (Tooele Co. Fire Warden) and Tiffany Demings (acting WFA WUI Coordinator) met to identify key partners and to establish a rough draft of CWPP. Created map using UWRAP.

PLAN OVERVIEW MAP Area of Interest

Insert an overview map of the area of interest/community/municipality/county including a buffer of greater than 1,000 yards



PARTNERSHIPS AND COLLABORATION

Rush Valley is situated along State Highway 199, and the Mormon Trail road in Tooele County. On the south end of Rush Valley are major private ranch land consisting of sage brush, pockets of thick PJ, rabbit brush, alfalfa, crested wheat, grazed by cattle.

Partnerships: Toole Army Depot South Area (to the Southeast). BLM. County. Private land owners: Johnson Land & Livestock, Chad Hymus (Royal Creek Ranches), Caldwells, Sagers . State. NRCS. Chad Hunt. USFS.

PART I COMMUNITY DESCRIPTION

Community Legal Structure

List the government entities associated with the community – city, town, unincorporated community, special service district, homeowner association(s), other.

Organization	Contact Person	Phone Number	E-mail
Town of Rush Valley	Joe Cartwright	435-850-9537	joecartwright@gmail.com

Population			
165			
0			
485			
0			

Restricting Covenants, Ordinances, etc. (Attach as appendix) For example, home association bylaws may have requirements regarding building construction materials or vegetation removal, or regarding access in a gated community. Source Details Town of Rush Valley Town ordinances

				Access				
Directions to con	nmunity		H uš					
There are two main	access ro	ads into R	ush Valley	via the Morm	on Trail or High	nway 199. Fro	m Highwa	y 36
turn west on State I	Highway 1	.99.						
All-weather acce	ss	-						
Seasonal access								
				Roads				
Reset Option Buttons	None	Some	All	Adequate	Inadequate	% Pavement	% gravel	% dirt
Road signs present	0		0	0	•			
Will support	0	0	<u> </u>	0	<u> </u>			
normal flow of								
traffic								
Are loop roads		O						
Are dead-end	•	0	0	0	0			
roads								
Turnaround space available					©			
at end of road for							-	
emergency								
equipment (based on								
turning radius								
listed in the								
guidance				1		i		
document)								

Driveways							
Reset Option Buttons	Adequate	Inadequate	No	Few	Most	All	
Most driveways width and height clearance, road grades and vegetation appearance are		0	•	٥	Ō	0	
Individual homeowners have posted their name and address		O	(•	0		
Notes/comments: Most have address	s posted but	not names.					

Structures									
Reset Option Buttons None Few Som Many Most All									
Wood frame construction		0		0	0				
Have wood decks or porches			•	0	•				
Have wood, shake or shingle roofs	•	Ō	0	0	0	•			
Are visible from the main subdivision road	0	0	0	0	0	0			
Notes/comments:		T							

Bridges, Gate, C	diverts, our		
Reset Option Buttons	No	Some	All
Bridges support emergency equipment	0	•	0
Gate provides easy access to emergency equipment	0	©	0
Culverts are easily crossed by emergency equipment	0	0	0

Utilities							
Reset Option Buttons	Below ground	Above ground	Provided by	Phone number	% marked with a flag or other highly visible means	% utilized	
Telephone service	O		Beehive Wireless	435-837- 6000			
Electrical service	0	0	Rocky Mountain Power	888-221- 7070		At least 90%	
Are there homes utilizing propane?	0	0	Various providers			At least 90%	
Are there homes utilizing natural gas?	0	•				0%	

List locatio	ns of propane tanks above grou	na:
Owner	Address, lat/long, etc.	Size
Entire community		500/1000 gallon
Notes/comments: Most homeow	ners have propane tanks ranging from 500 to	1000 gallon

Approximate % hom	es using central water system	0%	
Approximate %hom	es using individual wells	100%	
Approximate % hom source	nes having additional private water		
Water provided by	Wells (culinary)	Phone	

List locations of water sources:					
Owner	Address, lat/long, etc.	Accessible			
Town of Rush Valley	52 South Park Street, Rush Valley, UT	Year round			
Darrell Johnson	Hydrant 166 South Johnson Lane, Rush Valley, UT	Summer use			

Notes/comments: Shambip Water Conservancy District just completed the install of (2) 5000 gallon underground water tanks.

PART II:

RISK ASSESSMENT

Estimated Values at Risk

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

the area. The County Assessor should be able to assist	with this information.
Estimated values at risk of commercial and residential property	\$
Year	

Natural Resources at Risk

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

Wildlife habitat

Hunting grounds

Royal Creek Ranch retreat (recreation/tourism)

The following information is based on the Communities At Risk (CARs) list that was developed cooperatively at the local and state level to assist land management agencies and other stakeholders in determining the scope of the WUI challenge and to monitor progress in mitigating the hazards in these areas. This information is updated annually through the interagency fuel groups. Input the fields that are reflected on the state list found on our website at forestry.utah.gov.

Fire Occ	urrence	: Number of fir	res in the area for the last 10 yearstototo
O	0	No Risk	
0	1	Moderate	0 to 1 fire/township
•	2	High	2 to 14 fires/township
©	3	Extreme	Greater than 14 fires/township
Rating	1		Reset Option Buttons

	Area Fire	History	
Month/Year of fire	Ignition point	Ignition source	Acres burned
7/2017	Grass in field	Well drillers welding in	2

		grass	
4/2018	Grass at house	Home owner dumping ashes in back yard	0.5
6/2018	Sparks hit dry grass	Homeowner cutting trees next to house	0.5
			====

Fuel Haz	ard: As	ssess the fuel co	onditions of the landscape and surrounding the community
0	0	No Risk	
0	1	Moderate	Moderate to low to control, fire intensities would generally cause moderate damage to resources based on slope, wind speed and fuel. Vegetation Types: Ponderosa pine/mountain shrub, grassland, alpine, dry meadow, desert grassland, Ponderosa pine, Aspen and mountain riparian.
©	2	High	High resistance to control, high to moderate intensity resulting in high to moderate damage to resources depending on slope, rate of spread, wind speed and fuel loading. Vegetation Type: Maple, mountain shrubs, sagebrush, sagebrush/perennial grass, salt desert scrub, Black Brush, Creosote and Greasewood.
©	3	Extreme	High resistance to control, extreme intensity level resulting in almost complete combustion of vegetation and possible damage to soils and seed sources depending on slopes, wind speed, rate of spread and fuel loading.
Rating	2		Reset Option Buttons

			human and economic values associated with the community or nesses and community infrastructure.
	0	No Risk	
0	1	Moderate	Secondary Development: This would be seasonal or secondary housing and recreational facilities.
0	2	High	Primary Development: This would include primary residential housing, commercial and business areas.
	3	Extreme	Community infrastructure and community support: This would be water systems, utilities, transportation systems, critical care facilities, schools manufacturing and industrial sites. It may also include valuable commercial timber stands, municipal watersheds and areas of high historical, cultural and/or spiritual significance which support and/or are critical to the well-being of the community.
Rating	2		Reset Option Buttons

Insurance Rating	
Provide the current insurance rating for the community	

		ISO Fire Insurar	nce Rating: _ 9
	•		ce Services Organization (ISO) rating for the community will serve
•	1	Moderate	ISO Rating of 6 or lower
0	2	High	ISO Rating 7 to 9
0	3	Extreme	ISO Rating 10
Rating	2		Reset Option Buttons

Fire Occurrence	Fuel Hazard	Values Fire Protection Protected Capabilities		Overall Rating
	2	2	2	Ø
Total:	4-7 Moderate	e, 8-11 High, 12	Extreme	7

Update Changes

The following information is based on the Utah Wildfire Risk Assessment Portal (UWRAP) and Area of Interest (AOI) Summary Reporting Tool. Reports are generated using a set of predefined map products developed by the West Wide Wildfire Risk Assessment (2012) project. The UWRAP provides a consistent, comparable set of scientific results to be used as a foundation for wildfire mitigation and prevention planning in Utah.

Wildland Development Area (WUI) Impacts: Data set is derived using a Response Function modeling approach. To calculate the Wildland Development Area Impact Response Function Score, the Wildland Development Area housing density data was combined with flame length data and Response Functions assignments to represent potential impacts.

Wildfire Threat: A number that is closely related to the likelihood of an acre burning.

Wildfire Risk: Combines the likelihood of a fire occurring (Threat), with those of areas of most concern that are adversely impacted by fire (Fire Effects). Wildfire Threat Index is derived from historical fire occurrence, landscape characteristics including surface fuels and canopy fuels, percentile weather derived from historical weather observations and terrain conditions. Fire Effects are comprised of Value Impacts and Suppression Difficulty.

Total Acres AOI for	each Category with the	percentages added
Wildfire Risk	WUI Impacts	Wildfire Threat

Low (1-4)	3,550/30.6%	2,700/95.7%	3,053/26.4%
Moderate (5-7)	3,695/31.9%	122/4.3%	3,489/30.1%
High (8-10)	4,334/37.4%	0/0	5,039/43.5%

Including maps from the UWRAP report may also be beneficial in this section. Consider using the following as an example.

- Location Specific Ignitions
- Ignition and Fire occurrence density
- Water Impacts
- Rate of Spread
- Suppression Difficulty
- Fire Effects

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		Past Accomplishments	
Prevention	•	Education day	
	•	Letters sent out to community	
Preparedness	•	Radios	
	•	Pumpkin	
	•	Tires for water tender	
	•	Military tank 900 gallon	
	•	Formed CWPP committee	
Mitigation			
5	•	2017 Sagers Tree removal	
	•	2017 Fire break around home,	
	•		
Maintenance	•	Annual inspection of project sites to identify maintenance needs	

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PART III: RISK REDUCTION GOALS/ ACTIONS

Goals of Plan: Provide a brief statement under the Prevention, Preparedness, Mitigation and Maintenance goals. These should align with the pillars of the National Cohesive Strategy and the Utah Catastrophic Wildfire Reduction Strategy (1. Reslient Landscapes 2. Fire Adapted Communities 3. Wildfire Response). Identification of Actions: Provide detailed project information. These projects/actions can be mapped/tracked in the Utah WRA portal and should be consistent with a Cooperative Agreement in compliance with the Wildfire Policy if applicable.

GOAL A: PREVENTION - Activities directed at reducing the occurrence of fires, including public education, law enforcement, personal contact.

Goal A.1 -			
Action(s):	Timeline:	Community Lead:	Priority:
BBQ education day	Annual		high
Rush Valley Days	Annual (according to funding)		moderate
Educational Flyers/letters	Annual		moderate
Notes, updates ,and monitoring			

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GOAL B: PREPAREDNESS - Activities that lead to a state of response readiness to contain the effects of wildfire to minimize loss of life, injury, and damage to property. Including access to home/community, combustibility of homes/structures and creating survivable space.

Goal B.1 - Evaluate, upgrade and maintain community wildfire preparation	preparation		
Action(s):	Timeline:	Community Lead:	Priority:
maintaining equipment	Ongoing		high
Firefighter recruitment	Ongoing		high
Wildland Fire Training			high
upgrading PPE			high
Notes, updates ,and monitoring			

Goal B.2 - Educate community members to prepare for and respond to wildfire.	pond to wildfire.		
Action(s):	Timeline:	Community Lead:	Priority:
Educate community on evacuation plans/routes/shelter location—people and animals	ongoing		high
educate community on defensible space	ongoing		high
home assessments—use Ready, Set Go program	1-5 years		moderate
community council meetings	ongoing		high
Become a Firewise community	1-5 years		moderate
Notes, updates ,and monitoring			

Goal B.3 - Address identified regulative issues impacting community wildfire prevention and response needs.

Action(s):	Timeline:	Community Lead:	Priority:
Upgrading roads and turn-around points to meet fire code standards	5-10 years		moderate
weed ordinance review	ongoing		moderate
review burn ordinance	ongoing		moderate
review new construction permits to ensure they comply with WUI codes	ongoing		moderate
Notes, updates , and monitoring			

Goal B.4 – Evaluate response facilities and equipment.			
Action(s):	Timeline:	Community Lead:	Priority:
Purchase new truck/upgrade wildland apparatus	ongoing		moderate
improve water availability for suppression resources	ongoing		high
Evaluate current equipment to identify inventory needs	ongoing		moderate
Notes, updates , and monitoring			

We will look at purchasing a new or newer truck once our current truck is paid in full.

GOAL C: MITIGATION - Actions that are implemented to reduce or eliminate risks to persons, property or natural resources including fuel treatments and reduction.

Goal C.1 - Decrease fuels within the community to reduce wildfire impact in and around the community.

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Action(s):	Timeline:	Community Lead:	Priority:
Reduce fuels around private homes to create defensible space	ongoing		high
Town vegetation clean-up day	annual		moderate
Mow on sides of town roads	annual		high
Notes, updates ,and monitoring			

Goal C.2 – Work with local, state and federal fire officials to decrease fuels on private and adjacent public lands to reduce wildfire intensity and impact in and around the community.	crease fuels on privat	te and adjacent publi	c lands to reduce
Action(s):	Timeline:	Community Lead:	Priority:
Work with BLM to utilize Community Assistance Funds	ongoing		high
Notes, updates , and monitoring			

GOAL D: MAINTENANCE - the process of preserving actions that have occurred including fuel treatments and reduction.

Goal D.1 - Regularly evaluate, update and maintain project commitments.

Action(s):	Timeline:	Community Lead:	Priority:
Town leadership evaluate projects	ongoing		high
Track all maintenance hours	ongoing		high
Notes and updates			

PART IV: CONTACTS

The contacts in this part identify community resources that can be used to complete the goals of the plan.

	Planning Commi	ttee Member Li	ist
Name	Affiliation	Phone Number	E-mail
Pete Albrecht	Town Council	801-450- 1013	palbrecht@he- equipment.com
Kevin Russell	Fire Chief	435-830- 8707	kevin.o.russell.civ@mail.mil
Brian Johnson	Mayor	435-849- 5151	rushvalleymayor@gmail.co m
Jason Bolinder	Assistant Fire Chief	801-940- 0043	jason.bolinder@jbparson.co m
Neal Dymock	Assistant Fire Chief	801-618- 7908	nealdymock@yahoo.com
William Harding	Town Council	435-840- 2973	bharding1967@hotmail.com
Dana Gardner	Town Council	435-849- 0634	dgardner6887@gmail.com
Lacey Burrows	Town Council	435-840- 2498	Irussell346@yahoo.com
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	C	ommercial E	Entities	
Organization	Contact Person	Phone Number	E-mail	Address
Beehive Wireless		435-837- 6000	support@beehive.n et	2000 Sunset Road, Lake Point, UT 84074
UDOT		801-965- 4000	srwebmail@ut.gov	4501 South 2700 West, Salt Lake City, UT 84114
Rocky Mountain Power		888-221- 7070		Tooele, UT 84074
Union Pacific		402-544- 5000		Salt Lake City, UT

Formal Asso	ciations	
Contact Person	Phone Number	E-mail
Darrell Johnson	435-830-8361	
GRAMT SMITH	4358372	239
Chad Hunt	435-830-1271	chadhranch@gmail.com
Ed Johnson	435-830-1618	
	Contact Person Darrell Johnson GRAM SMITH Chad Hunt	Contact Person Number Darrell Johnson 435-830-8361 GRAM SMITH 435-837-2 Chad Hunt 435-830-1271

Media Support			
Organization	Contact Person	Phone Number	E-mail
Rush Valley Town Website	Brian Johnson	435-849-5151	rushvalleymayor@gmail.co m
Tooele Transcript Bulletin		435-882-0050	tbp@tooeletranscript.com

		Schools		
School	Contact Person	Phone Number	E-mail	Address
OI .	Contact Person	Number	E-IIIali	Addies

Transportation			
Organization	Contact Person	Phone Number	E-mail
UTA Rideshare		801-262-5626	
UDOT		801-965-4000	srwebmail@utah.gov
Tooele County Road Department	200 A	435-843-3204	******
5.00	20.00		NA - 10 - 10 - 10 - 10 - 10 - 10 - 10 - 1
	(4)		
Manual Control of the		_	

Private Equipment Capabilities				
Type of Equipment	Contact Person	Phone Number	E-mail	Address
Backhoe/skid loader	Darrell Johnson	435-830- 8361		166 South Johnson Lane
Tractor with disc	Darrell Johnson	435-830- 8361		166 South Johnson Lane
Excavator	Darrell Sagers	435-850- 0141		167 South Johnson Lane
Backhoe	Darrell Sagers	435-850- 0141		167 South Johnson Lane
Backhoe	Chad Hunt	435-830- 1271		832 West Center Street
Tractor with disc	Chad Hunt	435-830- 1271		832 West Center Street
Tractor with disc	Dean Alder	801-550- 1722		223 Davis Lane

	Othe	er	
Organization	Name	Phone Number	E-mail

APPENDIX

Appendix A: Town ordinances				
Content s:	Not available on line. Request through Town Recorder.			
Appendix B:				
Content s:				
Appendix C:				
Content s:				
Appendix D:				
Content s:				

