# State of Utah

# Community Wildfire Preparedness Plan

For the Wildland - Urban Interface

# **South Rim**



2020



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

# **Declaration and Concurrence Page**

Adopting this CWPP doesn't mean you are fully engaged in the CWS process. Other participation and documentation are required for State delegated fire funding. Please consult with Utah State Forestry, Fire & State Lands in your area to ensure the process is complete. 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.

This document provides the outline for and specifies the information recommended for inclusion in a CWPP. Completed CWPPs 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.

APPRLIATION
5-11-2020
DATE
STOCKTON FIRE DEPARTMENT
APPILIATION
5.11.20
DATE
REMODET
APPLICATION
6-11-20
5-11-20
RESIDENT
APPILIATION
5-11-20
GATE SOURCESS Fige, continued
RESIDENT

South Rim Wildfire Preparedness Plan			
NAME	APPRILATION		
SIGNATURE	DATE		
DAN WALTON	TOOSLE COUNTY FIRS WARDEN		
NUMBER	ATTILLATION		
2-66	5-14-2020		
SIGNATURE	DATE		

### **CWPP Signature Page**

Name Brian Trick	Affiliation Area Manager
Signature BL Ta	Date 01/14/2021
Name Julie Murphy	Affiliation Wildfire Risk Reduction Coordinator
Signature  With Mushy.  Julie Murphy (Jan 14, 302) 14:55 MST)	Date 01/14/2021
Name Dax Reid	Affiliation WUI Coordinator
Signature  Dax Red (Jan 14, 2021 16:13 MST)	Date 01/14/2021
Name	Affiliation
Signature	Date
Name	Affiliation
Signature	Date
Name	Affiliation
Signature	Date

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### 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 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 long-term 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 assume no liability and 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 intention of all decisions and actions made under this plan are to reduce the potential for, and the consequences of, wildfire.

Last revised March 2016

### PLANNING OVERVIEW

Briefly describe the overall planning process that took place to complete this plan. Be sure to include a timeline of the events/meetings, the organizations and partners that participated, a description of why this planning process was initiated, and the overall intended outcome of the process, and how outcomes were accomplished. This is much like the information described above (purpose and outcome) but tailored to your community. If desired, please acknowledge any individuals or organizations that were essential to accomplishing the final plan.

**4/14/2016** - The first community meeting was held at the Stockton church. The objective of this meeting was to provide an open house where residents of South Rim could learn about their wildfire risk and what they could do to prepare. Residents were asked to participate in the CWPP work group in partnership with FFSL, Stockton Fire and the BLM. Resident Bill Hogan organized the location through the church.

5/19/2016 - The second community meeting was held at the Stockton church. At this meeting, residents began working on the CWPP. The objective of the session was to complete work on pages 1-14. Resident Bill Hogan again organized the location through the church.

**6/23/2016** - The third community meeting was held at the Stockton fire station. Participants included the Stockton Fire Department, Tooele County Fire Warden, BLM and South Rim residents. After this meeting, workgroup members were asked to continue filling in additional details to the completed sections. Stockton Fire Department Chief Justin Huffman offered to host the work session and the following work session.

**8/11/2016** - The fourth community meeting was held at the Stockton fire station.

**9/10/2016** -The fifth community meeting was held at the South Rim park. This event was a potluck barbecue for the community to review the CWPP and make any final adjustments before signing it. Fire Chief Justin Huffman and resident Lynn Shaw organized the barbeque and had high school students distribute flyers to the community as part of a service project. Walmart donated hot dogs and buns for the event. Agency participants included the Tooele County Fire Warden, BLM and FFSL staff.

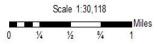
**6/05/2020 -** An annual CWPP meeting was held at the Stockton Fire Station. The Tooele County Fire Warden and Wasatch Front WUI Coordinator were present along with members of the Stockton Fire Department and the community. The CWPP document was updated.

1/12/2021 - Dax Reid added signature pages to the CWPP and a new Declaration and Concurrence page.

# SMILLORUMEN DE PROPERTO DE LIMERO DE RUYER DE RU

# **PLAN OVERVIEW MAP: Area of Interest**





Roads South\_Rim\_WUI

Legend

### PARTNERSHIPS AND COLLABORATION

Briefly describe surrounding lands and the partners involved in coordinating the fuels treatments identified in the CWPP. This section can be added to as new projects and partners are developed. Community buy-in and strong need to support and move these projects forward.

FFSL has completed the Utah Wildfire Risk Assessment Portal that is now open to the public and access is available to residents. <a href="https://www.utahwildfirerisk.com">www.utahwildfirerisk.com</a>

The community of South Rim is adjacent to Bureau Of Land Management land (on the east end). There are approximately 280 acres on the Rush Lake side, containing sage brush and cheatgrass fuels.

Currently there are no fuels projects planned but future treatments can be considered such as fuel breaks and buffers between BLM land and private land.

There is currently a dozer line located on private property that residents will coordinate with landowners and local fire management staff to improve and maintain.

# PART I COMMUNITY DESCRIPTION

Community Legal Structure							
List the government entities associated with the community – city, town, unincorporated,							
special service distr	ict, homeowner asso	ciation(s), other.					
Organization	Contact Person	Phone Number	E-mail				
South Rim Special Service District	Bill Hogan	(435) 830-2646	Bbhogan52@gmail.com				
Tooele County	Shawn Milne	(435) 243-7313	Smilne.tooelecounty@gmail.com				
Fire Chief	Justin Huffman	(801) 828-0268	stocktonfiredept@gmail.com				

Population					
Approximate number of homes	315				
Approximate number of lots	360				
Approximate number of commercial					
entities					
Approximate number of full-time residents	900				
Approximated number of part-time	0				
residents					

### 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			
South Rim CC&Rs	30 year fire resistant shingles required			
South Rim CC&Rs	% required stucco/masonry product required			
South Rim CC&Rs	Weeds/property maintained or left in natural habitat			
	Fire Hydrants located every 400 ft throughout			
	neighborhood			

	Access

### Directions to community

Highway 36 to Silver Ave in Stockton. 3 miles west of Stockton.

### All-weather access

All fire support and equipment is provided through the Stockton Fire Department.

### Seasonal access

Railroad crossing in Stockton can sometimes be blocked with a sitting train.

				Roads				
	Non e	Some	All	Adequat e	Inadequate	% Pavemen t	% grave l	% dirt
Road signs present			X			100		
Will support normal flow of traffic				X		100		
Are loop roads			X			100		
Are dead-end roads	X					100		
Turnaround space available at end of road for emergency equipment				X		100		

Driveways						
Adequate Inadequate No Fe Most A						All
				w		
Most driveways width and height						
clearance, road grades and	X					X
vegetation appearance are						

Individual homeowners have posted				
their name and address	X			X

Structures						
	None	Few	Some	Many	Most	All
Wood frame construction						X
Have wood decks or porches					X	
Have wood, shake or shingle roofs	X					
Are visible from the main subdivision road						X

Bridges, Gate, Culverts, other					
	No	Some	All		
Bridges support emergency equipment	N/A				
Gate provide easy access to emergency equipment	N/A				
Culverts are easily crossed by emergency equipment			X		

Utilities						
	Below ground	Above ground	Provided by	Phone number	% marked with a flag or other highly visible means	% utilized
Telephone service	99%	1%	Qwest			
Electrical service	99%	1%	Rocky Mountain Power	(888) 221-7070	ο%	
Are there homes utilizing propane?	yes					
Propane tanks above ground		X	Propane Advantage	(801) 230-9045	100%	
Are there homes utilizing natural gas?	N/A					

	List locations of propane tanks above ground:
Every home	

Primary Water Sources				
Approximate % homes using central water system 95%				
Approximate % homes using individual wells			5%	
Approximate % homes having additional private water source				
Water provided by		Phone	(435) 830-2646	

### PART II:

### **RISK ASSESSMENT**

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.				
Estimated values at risk of commercial and (unavailable from tax assessor)				
residential property estimate is \$65,000,000				
Year	2020			

### 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.

- Grazing lands
- Irrigated crops
- Communication Tower on South Mountain

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 (	Occurr	ence: Numbe	r of fires in the area		
[]	0	No Risk			
[]	1	Moderate o to 1 fire/township for 2005 to 2015			
[x ]	2	High	2 to 14 fires/township for 2005 to 2015		
[]	3	Extreme	Greater than 14 fires/	township for 2005 to 2015	
Total	2	_			
			Area Fire Hist	ory	
Mo	onth/Y	ear of fire	Ignition point	Ignition source	Acres burned
7/17/	2019		1800 W Ridgeline Rd	Power Pole	450
pine/i	mounta	ain shrub, gras	rces based on slope, wind special sland, alpine, dry meadow,		
I leave 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/Bursage and Greasewood.)					
[x] 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.)					
Total	_3	_			
			te the human and economic businesses and community		community or
[]	] o No Risk				

	1	, , , , ,
and r	ecreati	onal facilities.)
[x]	2	High (Primary Development: This would include primary residential housing,
comn	nercial	and business areas.)

[] 3	<b>Extreme</b> (Community infrastructure and community support: This would be
water systems,	utilities, transportation systems, critical care facilities, schools manufacturing and
industrial sites	s. It may also include valuable commercial timber stands, municipal watersheds and
areas of high h	istorical, cultural and/or spiritual significance which support and/or are critical to
the well-being	of the community.)

Total \_\_2\_\_\_

**Protection Capabilities:** Insurance Services Organization (ISO) rating for the community will serve as an overall indicator of the protection capabilities.

Insurance Rating				
Provide the current insurance rating for the community				
ISO Fire Insurance Rating: 9x				

[] Extreme	3	ISO Rating 10	
[x] High	2	ISO Rating 7 to 9	

[] Moderate 1 ISO Rating of 6 or lower

Total \_\_2\_\_\_

Fire	Fuel	Values	Fire Protection	Overall		
Occurrence	Hazard	Protected	Capabilities	Rating		
2	3	2	2	9		
Tota	Moderate					
	Total: 4-7 Moderate, 8-11 High, 12 Extreme					

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

**Wildland Development Areas (WUI):** Data set is derived using modeling techniques abased on the Where People Live and population count data available to government agencies from the Department of Homeland Security.

**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 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.

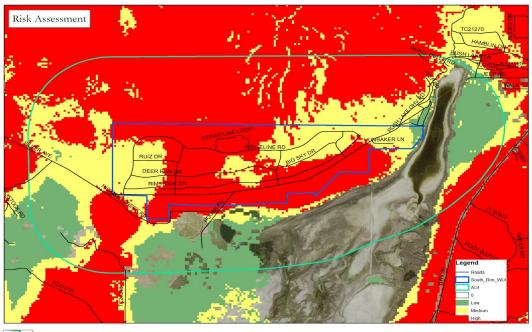
	Total Acres AOI for each Category with the percentages added						
	WUI Impacts Wildfire Threat Wildfire						
Low (1-4)			30%				
Moderate (5-7)			24%				
High (8-10)			46%				

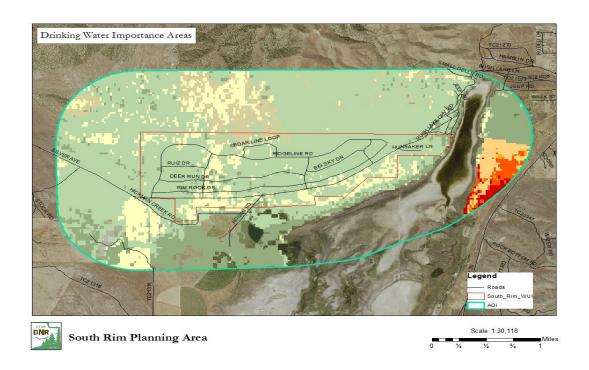
Including maps from the UWRAP report may also be beneficial in this section. Consider using the following as an example.

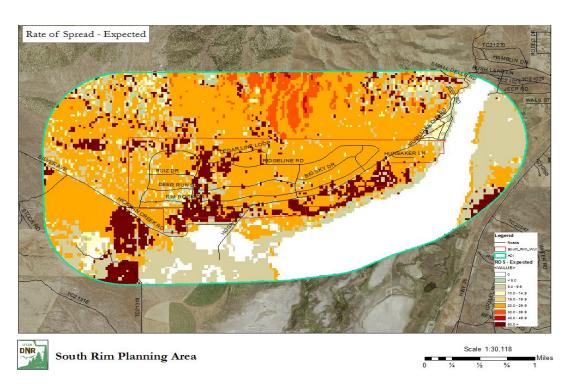
- Location Specific Ignitions
- Ignition and Fire occurrence density
- Water Impacts
- Rate of Spread
- Suppression Difficulty
- Fire Effects

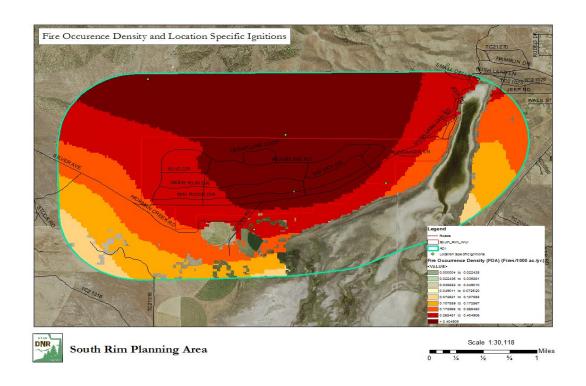
	Past Accomplishments			
Prevention	CWPP Meetings held in January and May 2019			
	<ul> <li>2019 Awarded a \$500 National Wildfire Preparedness Day grant</li> </ul>			
	and hosted hotdogs at			
	the park for families at the Stockton Ballpark in conjunction with			
	the town of Stockton.			
	Booths and information were provided by the Tooele County Fire			
	Warden, Wasatch Front			
	WUI Coordinator, Tooele Army Depot and Stockton Fire			
	Department. Smokey the Bear and Sparky the Dog were also in			

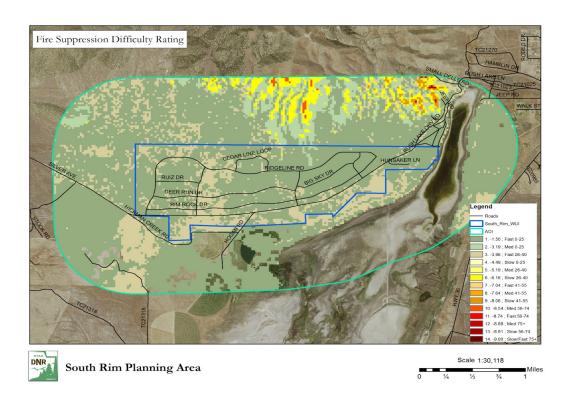
	<ul> <li>attendance.</li> <li>Educational flyers were put in every residents post office box explaining defensible space and project ideas ~130 hours of defensible space projects completed.</li> <li>2019- 130 Homeowners had a Wildfire Hazard Lot Assessment done with Stockton Fire Department</li> </ul>
Preparedness	<ul> <li>Boy Scouts have placed boxes that have fire equipment such as hoses, nozzles and hydrant wrenches</li> <li>Fire Department training-Weekly</li> <li>Installed new pump for increased water pressure to upper residences (2017)</li> </ul>
Mitigation	<ul> <li>Dozer line put in 12 years surrounding community</li> <li>2018 Mastication of juniper trees on ~ 70 acres in Phase I &amp; II South Rim Special Services         District property directly adjacent to homes creating a better fire break.</li> <li>2019 Awarded a Catastrophic Wildfire Grant used to purchase grass seed to replace dense sagebrush and cheat grass with more fire wise vegetation.</li> <li>Spring 2019 Held a community workday in conjunction with National Wildfire Prep day.         13 dumpsters of waste were collected as homeowners worked to create defensible space around their homes.     </li> </ul>

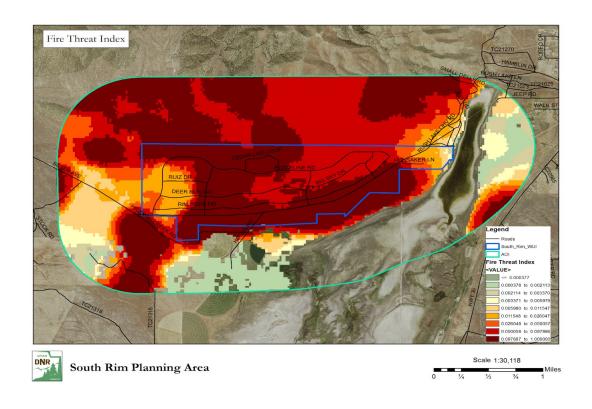


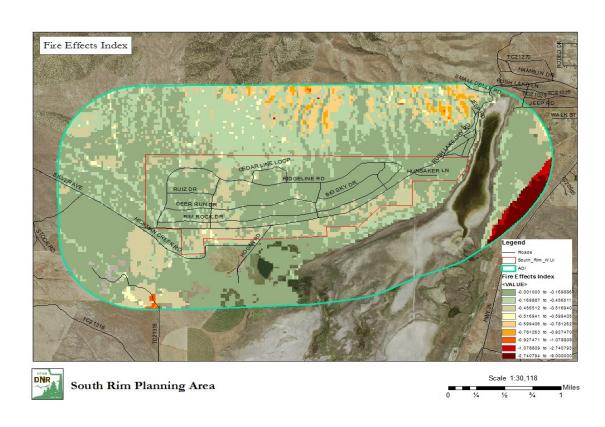


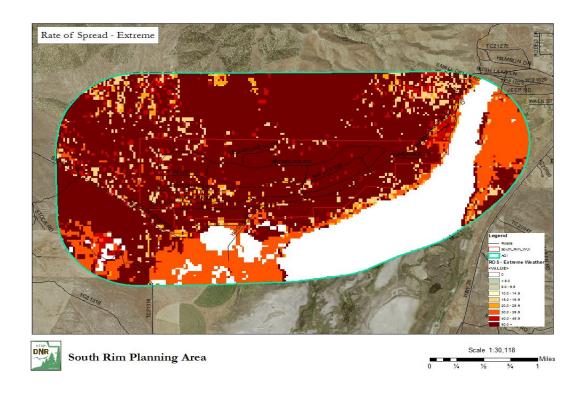












# PART III: RISK REDUCTION GOALS/ ACTIONS

**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 detail 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**

Goal A.1 –			
Action(s):	Timeline:	Community Lead:	Priority:
Community Education	FY 2020-2025	Amy Lyman / Stockton / FD	High
Wildfire Hazard Lot Assessments	FY 2020-2025	Amy Lyman / Stockton FD	High

Fire Updates/educational material on social media	FY 2020-2025	Amy Lyman / Stockton FD	High
Notes, updates and monitoring			

# **GOAL B: PREPAREDNESS**

Goal B.1 – Evaluate, upgrade and maintain community wildfire preparation						
Action(s): Timeline: Community Lead: Priority:						
Purchase additional equipment for community response	2020-2021	Community / Stockton Fire Department				
Notes, updates and monitoring						

Goal B.2 – Educate community members to prepare for and respond to wildfire.						
Action(s): Timeline: Community Lead: Prior						
Provide training for community on how to propose use emergency fire equipment	Ongoing	Stockton Fire Department	High			
Purchase additional fire hose to use in community	Ongoing	Community, Stockton Fire Department	Medium			
Notes, updates and monitoring						

Goal B.3 – Address identified regulative issues impacting community wildfire prevention and response needs.						
Action(s):	Timeline:	Community Lead:	Priority:			
Adopt Tooele County Weeds Plan	2020-2021	Dan Walton	High			
<i>Notes, updates ,and monitoring:</i> South Rim is unincorporated. In the event of a double incident with Stockton, Stockton is the primary response.						

Goal B.4 – Evaluate response facilities and equipment.				
Action(s):	Timeline:	Community Lead:	Priority :	
New facility to house a truck or a new department		Stockton FD		
Preposition equipment in the area		Stockton FD		
Additional type 6		Stockton FD		

Notes, updates and monitoring		

### **GOAL C: MITIGATION**

Goal C.1 – Decrease fuels within the community to reduce wildfire impact in and around the community.				
Action(s):	Timeline:	Community Lead:	Priority:	
Improve current water runoff line to a dozer line (20') that will make it accessible for fire vehicles	2017	Justin Huffman	High	
Regular mowing of grasses surrounding the community	Ongoing	Justin Huffman	High	
Residential sagebrush thinning / chipping	2020-2021	Amy Lyman / Dan Walton	High	
Open space mosaic / shaded fuel break	Long-term	Justin Huffman / Amy Lyman	High	
Seeding lots for vegetation change	2020-2021	Dan Walton / Amy Lyman	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.

Action(s):	Timeline:	Community Lead:	Priority:
Team Rubicon volunteers	Ongoing	Dede Orr (BLM)	
Future treatments on BLM land could be considered following the NEPA process and if funding is available.	3+ years	Eric Valdez (BLM)	
Site plan development and assessments	2020	Warden / WUI Coordinator	High

Notes, updates, and monitoring

### **GOAL D: MAINTENANCE**

Goal D.1 - Regularly evaluate, update and maintain project commitments.				
Action(s): Timeline: Community Lead: Priori				
Review and update CWPP / Annual Summary Report	Annually	WUI Coordinator / Warden / Community Liaison	High	

Notes and updates		

# PART IV: CONTACTS

Planning Committee Member List			
Name	Affiliation	Phone Number	E-mail
Mark Turgeon	Resident		mark.turgeon99@gmail.com
Justin Huffman	Stockton Fire Chief		stocktonfiredept@gmail.com
Amy Lyman	Stockton Fire Department		shmamy99@gmail.com
Bill Hogan	Resident		bbhogan52@gmail.com
Tooele County Fire Warden	Dan Walton		dwalton@utah.gov
WUI Coordinator	Dax Reid		daxreid <u>@utah.gov</u>
Wasatch Front FMO	Dave Vickers		dvickers@utah.gov
BLM Fuels	Erik Valdez		<u>evaldez@blm.gov</u>

Media Support			
Organization	Contact Person	Phone Number	E-mail
South Rim Facebook	Amy Lyman	801-673-3126	shmamy99@gmail.com
911 Group			
Firewise	Amy Lyman		In progress
Evacuation Plan to the west and for animals	Dan Walton / Justin Huffman		

# **APPENDIX**

Appendix A:		
Appendix B:		
Appendix C:		
Appendix D:		

South Rim Wildfire Preparedness Plan