State of Utah

Community Wildfire Preparedness Plan

For the Wildland - Urban Interface

Grantsville



2/7/2020



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Declaration	and	Concurrence	Page
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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.

ROB CRITCHLOW	Grantsville City Fire Chief
NAME	AFFILIATION
SIGNATURE	3/3/2020 DATE
TRAVIS DANIELS NAME	GCFD Assistant Fire Chief AFFILIATION
1. Com	3 mar 10
SIGNATURE	DATE
Dax Reid	Wasatch Front WUI Coordinator
NAME	AFFILIATION
Day Ephid	2-13-2020
SIGNATURE	DATE
BRENT MARSHALL	Grantsville Mayor
NAME	AFFILIATION
Brent & Marshall	2-20-2020
SIGNATURE	DATE
DANIEL WALTON	Tooele County Fire Warden
NAME	AFFILIATION
Daniel Walton	02/07/2020
SIGNATURE	DATE

Declaration and Concurrence Page, continued WFA Fire Management Officer
AFFILIATION DAVE VICKERS 2020 SIGNATURE JULIE MURPHY Risk Reduction Coordinator - FFSL NAME AFFILIATION THENNIFER WILLIAMS Bureau of Land Management Affiliation US Forest Service
AFFILIATION BRYAN THOMPSON NAME SIGNATURE JAMES WALTZ Grantsville Public Works NAME AFFILIATION SIGNATURE

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.

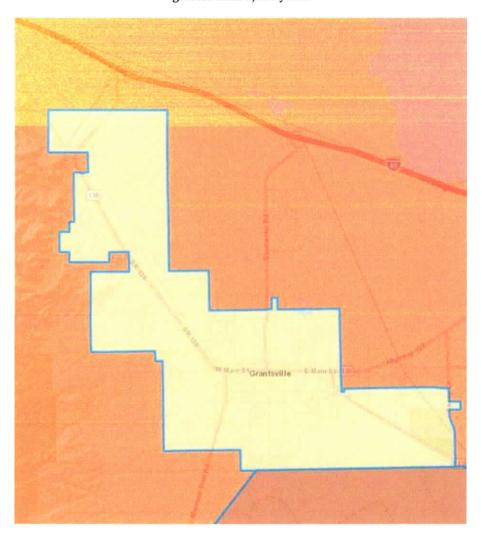
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PLANNING OVERVIEW

3/27/19 Rob Critchlow met with Dan Walton and Tiffany Demings to discuss the CWPP and complete sections on fire risk, and on prevention, preparedness, and mitigation efforts. Discussed things that the community is already doing to reduce risk and how to more accurately record these items. Chief Critchlow then worked through the document and entered the necessary information.

PLAN OVERVIEW MAP Area of Interest

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



PARTNERSHIPS AND COLLABORATION

Grantsville Fire Department

Took on responsibility of completing the CWPP and implementing it. Responds to all fires, structure and wildland in and outside of the city limits.

Grantsville Police Department

Conduct extra patrols during firework timeframes to enforce firework restrictions, assists with road closures, crowd control and investigations.

Grantsville Public Works

Manage quality of water. Also have equipment available that can be utilized during emergencies.

Walmart Distribution Center

Will donate water, food, and other items during emergencies. Also willing to donate money for various prevention and education events.

Utah Motor Sports Campus

Will donate food and ice in wildfire events.

Tooele County School District

Provide land and facilities for wildfire incident management and for evacuations. A good place for distributing information to the community.

Church of Jesus Christ of Latter Day Saints

Provide land and facilities for wildfire evacuations. Will donate food, water, ice, etc. A good place for distributing information.

Tooele County Emergency Management

Provides support and coordination efforts during major events as well as public notifications.

Country Fan Fest

Music festival that occurs every July. Will donate water, ice, and other items during wildfires.

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
Grantsville City Mayor	Brent Marshall	435-884-3411	bmarshall@grantsvilleut.com
Public Works	James Waltz	435-884-0627	jwaltz@grantsvilleut.gov
Police Department	Jacob Enslen	435-884-6881	jenslen@grantsvilleut.gov
Grantsville Attorney	Brett Combs	435-884-4635	bcoombs@grantsvilleut.com
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Population			
Approximate number of homes	3300		
Approximate number of lots	100		
Approximate number of commercial entities	600		
Approximate number of full-time residents	11,000 (2017)		
Approximated number of part-time residents	20		

Notes/comments: Grantsville City's population is growing steadily, between 2016 and 2017 the population grew from 9,862 to 10,170, a 3.12% increase.

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
Granstville City Ordinance	Grantsville City Code - https://www.grantsvilleut.gov/CityCode.html

Access Directions to community Multiple ingress and egress access. From I-80 exit 84 head south on State Hwy138 and exit 88 south on Burmester County Road. North on Mormon Trail, Heading North from Toole City on State road 112, West from Hwy 36 onto Hwy138. All-weather access Accessible year round Seasonal access NA

				Roads				
Reset Option Buttons	None	Some	Att	Adequate	Inadequate	% Pavement	%, gravel	% dirt
Road signs present	C	r	6	6	(90	5	5
Will support normal flow of traffic	, C	(C	6	c	95	2]	3
Are loop roads	C	•	C	6	r	97	1	2
Are dead-end roads	<u>ر</u>	(c	6	C	50	25	25
Turnsround space available at end of road for emergency equipment (based on turning radius listed in the guidance document)	Ĺ	6	(@	c	90	[5]	5

			Drive	ways				
	Reset Option Buttons		Adequate	Inadequate	No	Few	Most	AII
clearance,	eways width and , road grades and n appearance are		(¢	C	C	6	C
	l homeowners have and address	ve posted	6	r	<u></u>	<u></u>	6	r
Notes/com	ments:		<u> </u>	<u> </u>	1			

Str	uctures					
Reset Option Buttons	None	Few	Some	Many	Most	All
Wood frame construction	C	r	C	C	6	r
Have wood decks or porches	C	C	۲	•	ر	C
Have wood, shake or shingle roofs	C	C	C	C	(6	
Are visible from the main subdivision road	c	C	C	ر	6	r
Notes/comments:		<u> </u>		-	<u> </u>	<u> </u>

Bridges, Gate, Cul-	verts, other		
Reset Option Buttons	No	Some	All
Bridges support emergency equipment	.	r	c
Gate provides easy access to emergency equipment	C	6	ر
Culverts are easily crossed by emergency equipment	c	(e	c
Notes/comments:		l!	

			Utilities			
Reset Option Buttons	Below ground	Above ground	Provided by	Phone number	% marked with a flag or other highly visible means	% utilized
Telephone service	C	6	АТ&Т	866-844- 5144	N/A	100
Electrical service	Ċ	6	Rocky Mountain Power	888-221- 7070	N/A	100
Are there homes utilizing propanc?	C	(G	Wasatch Propane	801-467- 0200	N/A	[15]
Are there homes utilizing natural gas?	(C	Dominion Energy	800-323- 5517	N/A	85
Notes/comments:						

List locations of propane tanks above ground:					
Owner	Address, lat/long, etc.	Size			
Grantsville Self Storage	655 E Main St	N/A			
Commercial Industrial Supply	200 Old Lincoln Hwy	N/A			
Southfork Hardware	40 Commercial Ave	N/A			

Water provided by Grantsville Public Works		Phone	435-884-0627
Approximate % homes having additional private water source	5]	
Approximate %homes using individual wells	5		
Approximate % homes using central water system	90)	
Primary Water Sources			

List locations of water sources:				
Owner	Address, lat/long, etc.	Accessi	ble	
Grantsville Irrigation Company	Grantsville Reservoir 40 32.648, -112 30.593	Yes		
		ĺ	:	
			1	

PART II:

RISK ASSESSMENT

Estimated Values	at Risk
Provide an approximation of the estimated current values of area. The County Assessor should be able to assist with this	of residential and commercial property in the
Estimated values at risk of commercial and residential property	\$ 31,518,977
Year	2018

Natural Resources at Risk

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

Wildlife Habitat (sage grouse, etc.)

Sea Base natural spring

County Walking Trail (recreation)

ATV and hiking trails in Stansbury Mountains (recreation)

Grantsville Reservoir

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 Occi	Fire Occurrence: Number of fires in the area for the last 10 years 2009 to 2019					
C	0	No Risk				
[C	1	Moderate	0 to 1 fire/township			
6	2	High	2 to 14 fires/township			
C	3	Extreme	Greater than 14 fires/township			
Rating	2		Reset Option Buttons			

Area Fire History						
Month/Year of fire	Ignition point	Ignition source	Acres burned			
Summer/Annually Numerous Fires	Private land	Human Caused	10-40			
		į į				

Fuel Haz	Fuel Hazard: Assess the fuel conditions of the landscape and surrounding the community			
۲	0	No Risk		
<u> </u>	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.	
<u>ر</u>	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.	
6	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	3		Reset Option Buttons	

			uman and economic values associated with the community or sees and community infrastructure.
C	0	No Risk	
ر .	1	Moderate	Secondary Development: This would be seasonal or secondary housing and recreational facilities.
····	2	High	Primary Development: This would include primary residential housing, commercial and business areas.
<u>ر</u>	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

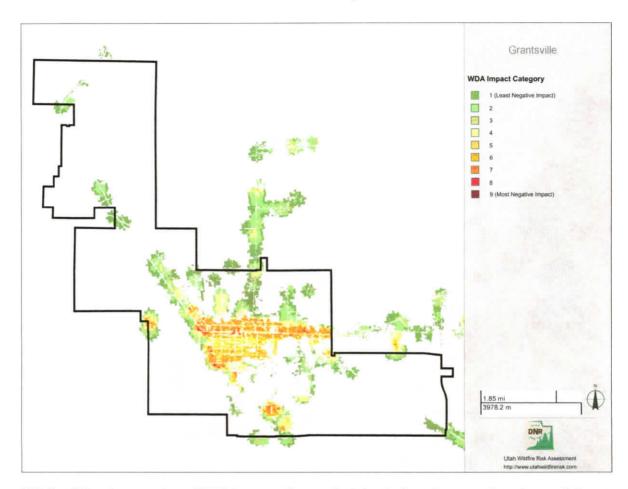
Insurance Rating Provide the current insurance rating for the community
 ISO Fire Insurance Rating: 5

			ce Services Organization (ISO) rating for the community will serve as ion capabilities.	
r	1	Moderate	ISO Rating of 6 or lower	
6	2	High	ISO Rating 7 to 9	
С	3	Extreme	ISO Rating 10	
Rating	2		Reset Option Buttons	

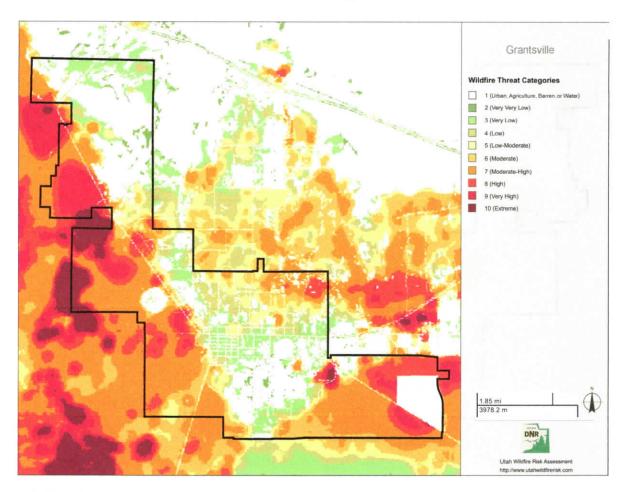
Fire Occurrence	Fuel Hazard	Values Protected	Fire Protection Capabilities	Overall Rating
2	3	2	2	9
Tota	il: 4-7 Moderate	, 8-11 High, 12	Extreme	

Update Changes

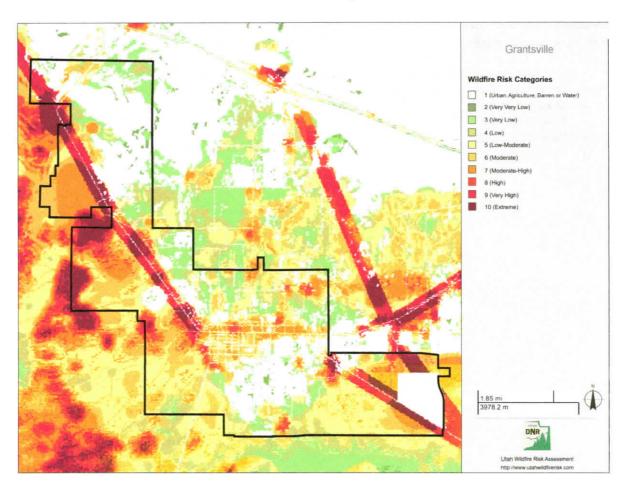
The following information is based on the Utah Wildfire Risk Assessment Portal (UWRAP) and Area of Interest (AOI) Summary Reporting Tool. Reports are generated using a set of predefined map products developed by the West Wide Wildfire Risk Assessment (2012) project. The UWRAP provides a consistent, comparable 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)	10905/45.3%	2588/70.7%	11087/46%		
Moderate (5-7)	9950/41.4%	1059/28.9%	8722/36.2%		
High (8-10)	3206/13.3%	15/0.4%	4252/17.7%		

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	Water Day (annual) for two elementary schools and reaches approx. 800 kids Pre-school visit the fire station (annual)
	Fire Open-house (annual)
Preparedness	 Completed a community wildfire protection plan (CWPP) in 2019.
	Purchased 475K Fire engine in 2018.
	Active participants in the FEPP program.
Mitigation	Weed mowing on outside of town/Annual spring mowing (2018)
	Burned tumble weeds on Highway 112 (2018)
	Disperse burn permits to private land owners
	Provide location for vegetation disposal and annual burn
Maintenance	Review all preparedness, prevention, and mitigation categories annually.

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:
Fire Prevention Water days	Annual	Rob Critchlow	High
Fall Fire Preventions	Annual	Rob Critchlwo	High
Open House	Annual	Rob Critchlow	High
Notes, updates , and monitoring			<u> </u>

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.

Action(s):	Timeline:	Community Lead:	Priority:
Assess evacuation plan	Annual	Rob Critchlow	High
Educate community on evacuation plan and procedures (target HOA)	2019/annual	Rob Critchlow	High
Train volunteer firefighters in wildland fire response (S130/190)	2019 / as needed	Rob Critchlow	High

Goal B.2 - Educate community members to prepare for and respond			
Action(s):	Timeline:	Community Lead:	Priority:
Water Day (fire prevention event)	2019/annual	Rob Critchlow	High
Fire Open House	Annual	Rob Critchlow	High
Pre-school Firehouse visit	Annual	Rob Critchlow	HIgh
	1 :		:
		1	!
Notes, updates, and monitoring	<u> </u>		1

Action(s):	Timeline:	Community Lead:	Priority:
Identify and obtain resources necessary to address needs identified in Goal 3.4	Continual	Rob Critchlow	High
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		. in	
	:	i	1

Finish plumbing and paint for FEPP Brush Truck 2019	10		
	17	Rob Critchlow	high
Purchase new brush truck 3-5	years	Rob Critchlow	med
Evaluate inventory and purchase new wildland tools and supplies to be in compliance with standards 3-5	years	Rob Critchlow	high
New trailer for water pumpkins 2011	19	Rob Critchlow	high

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

Action(s):	Timeline:	Community Lead:	Priority:
Burn culverts along SR138	2019/bi-annual	Rob Critchlow	High
Burn SR 112 Tumbleweeds	2019/annual	Rob Critchlow	High
Community Chipper Day	2019/annual	Rob Critchlow	High
Annual Burn at community vegetation disposal site	Annual	Rob Critchlow	High
	i	.	į

Action(s)	Timeline:	Community Lead:	Priority:
Reach out to NRCS about ongoing projects adjacent to Grantsville	Continual	Rob Critchlow	High
Reach out to US Forest Service about ongoing projects adjacent to Grantsville	Continual	Rob Critchlow	High
Reach out to BLM about current or planned projects adjacent to Grantsville	Continual	Rob Critchlow	High
	i		
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GOAL D: MAINTENANCE – the process of preserving actions that have occurred including fuel treatments and reduction.

Action(s):	Timeline:	Community Lead:	Priority:
valuate all previous projects and determine current and future needs	Annual	Rob Critchlow	High
]		
		. :	
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PART IV: CONTACTS

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

Name	Affiliation	Phone Number	E-mail
Rob Critchlow	Grantsville Fire Department	Grantsville Fire Department 435-830-8007	
Dan Walton	Tooele County Fire Warden	435-241-0027	dwalton@utah.gov
Julie Murphy	Forestry Fire and State Lands	385-228-6439	juliemurphy@utah.gov
Dax Reid	Forestry Fire and State Lands	801-678-1655	daxreid@utah.gov
Travis Daniels	Grantsville Fire Department	435-840-4335	Travis daniels@comcast.net
Jason Smith	Grantsville Fire Department		Jtsmitty13@gmail.com

Organization	Contact Person	Phone Number E-mail		Address	
Wal-mart	Eric Porthan	(435)884- 5101	Eric.porthan@walmart.com	929 north UT-138	
UMC	William Lee	(435)215- 1640	William.lee@umcampus.com	512 Sheep Ln	
Broken Arow	Jeff Neil	(435)840- 1574	jneil@brokenarrowusa.com	2600 N Ellerbeck RD	
Soelberg's	Tony Clark	(435)884- 5531	Soelbergsmarket.com	213 E Main	

Formal Associations				
Organization	tion Contact Person Phone Number		E-mail	

Media Support						
Organization	Contact Person	Phone Number	E-mail			
Tooele Transcript		435-882-0050	tbp@tooeletranscript.com			
Tooele County Emergency Management	Bucky Whitehouse	435-241-0220				

School	Contact Person	Phone Number	E-mail	Address
Grantsville Elementry	Jeff Zaleski	(435) 884- 9991	jzaleski@tooeleschools.org	50 park St
Willow Elementry	Angie Gillette	(435) 884- 4527	agillette@tooeleschools.org	439 S Willow St
Grantsville Jr High	Matt Parker	(435) 884- 4510	mparker@tooeleschools.org	318 S Hale St
Grantsville High	Kenna Argard	(435)884- 4500	kaagard@tooeleschools.org	155 E Cherry St

Transportation					
Organization	Contact Person	Phone Number	E-mail		
Tooele County School District	Steve West	435-833-1992			

Private Equipment Capabilities					
Type of Equipment	Contact Person	Phone Number	E-mail	Address	

Other					
Organization	Name	Phone Number	E-mail		
	 				
	 				

APPENDIX

Appendix A: Grantsville City Code 12-1-1							
Comtouto							
Contents :	Weed Control						
	https://grantsville.municipalcodeonline.com/book?type=ordinances#name=Title_12_Nuisances						
Appendix B: Grantsville City Code							
Contents:	https://www.grantsvilleut.gov/CityCode.html						
Appendix C:							
Contents:							
Appendix D:							
Contents:							