

APPENDIX B: MTG AGENDAS, ATTENDANCE, HANDOUTS, AND PUBLIC OUTREACH

AGENDA

TOOELE COUNTY KICK-OFF MEETING

2021 Pre-Disaster Mitigation Plan Update

Tuesday, September 15, 2020 – 11:30 AM to 1:30 PM

Tooele County Emergency Operations Center
Training Room
15 East 100 South
Tooele, Utah 84074

11:30 A.M.	Welcome, Introductions, and Past Hazard Mitigation Planning Efforts	BUCKY WHITEHOUSE - Tooele County Emergency Services Director
11:50 A.M.	Pre-Disaster Mitigation Planning in the State of Utah	ERIC MARTINEAU - Utah Division of Emergency Management
12:00 Noon	Lunch (Provided)	
12:20 P.M.	Tooele County Hazard Mitigation Plan Update Process	ZAC COVINGTON - Bear River Association of Governments (BRAG)
1:05 P.M.	Commitments & Next Steps	BUCKY WHITEHOUSE Tooele County Emergency Services Director
1:30 P.M.	Adjourn	

AGENDA

TOOELE COUNTY RISK ASSESMENT MEETING

2021 Pre-Disaster Mitigation Plan Update

Tuesday, November 17th, 2020 – 11:30 AM to 1:00 PM

Tooele County Emergency Operations Center
Training Room
15 East 100 South
Tooele, Utah 84074

11:30 A.M.	Welcome and Introductions,	BUCKY WHITEHOUSE - Tooele County Emergency Services Director
11:40 A.M.	Hazard Mitigation, Brick Review, Process Review, and Process Update	MATTHEW STARLEY - Bear River Association of Governments (BRAG)
11:55 P.M.	Community Asset Review	MATTHEW STARLEY - Bear River Association of Governments (BRAG)
12:50 P.M.	Commitments & Next Steps	BUCKY WHITEHOUSE Tooele County Emergency Services Director
1:00 P.M.	Adjourn	

AGENDA

TOOELE COUNTY MITIGATION STRATEGIES MEETING

2021 Pre-Disaster Mitigation Plan Update

Thursday, May 20, 2021 – 11:30 AM to 1:00 PM

Tooele County Emergency Operations Center
Training Room
15 East 100 South
Tooele, Utah 84074

11:30 A.M.	Welcome and Introductions,	BUCKY WHITEHOUSE - Tooele County Emergency Services Director
11:40 A.M.	Mitigation Strategies Introduction, Process Review, and Process Update	MATTHEW STARLEY - Bear River Association of Governments (BRAG)
11:55 P.M.	Community Asset and Hazard Review, Previously Mitigation Strategies Review	MATTHEW STARLEY - Bear River Association of Governments (BRAG)
12:50 P.M.	Commitments & Next Steps	BUCKY WHITEHOUSE Tooele County Emergency Services Director
1:00 P.M.	Adjourn	

AGENDA

TOOELE COUNTY DRAFT PLAN PRESENTATION AND PLAN ADOPTION MEETING

2021 Pre-Disaster Mitigation Plan Update

Tuesday, September 28, 2021 – from 4:00 to 5:00 PM

Zoom Meeting - <https://global.gotomeeting.com/join/672102853>

4:00 P.M.	Welcome and Introductions	BUCKY WHITEHOUSE - Tooele County EM
4:10 P.M.	DRAFT PDM Plan Presentation	MATT STARLEY - BRAG Regional Planner
4:35 P.M.	Plan Adoption by local Governments	ZAC COVINGTON - BRAG Regional Planner
4:50 P.M.	Q and A	ALL
5:00 P.M.	Adjourn	

Pre Disaster Mitigation Meeting 9-15-20

Name	Address	Phone	E mail address
Steve Bowman	Utah Geological Survey 1544 W North Temple, SLC	801-537-3304	stebowman@utah.gov
Matthew Staley	2768 Fairview Dr. Jordan, UT 84403	801-387-3230	MATTHEWSTALEY@GMAIL.COM
Tim Dixon	429 E. MAIN Grantsville UT		tdixon@GRANTSVILLEUT.GOV
Rachelle Custer	47 S Main Tooele	435 843 3253	rcuster@tooeleco.org
Brent Marshall	429 E main Grantsville	435-884-4135	bmarshall@grantsvilleut.gov
Christy Roberts	336 W Main	435-884-0627	croberts@grantsville.ut.gov
James Waltz	336 W main GTV	435-849-1636	jwaltz@grantsville.ut.gov
Kendall Thoms	47 S. Main Tooele	435-830-6016	kthomns@tooeleco.org
Tom Tripp	47 South Main Tooele	801-541-0867	ttripp@tooeleco.org
Debbie Winn	90 No. Main, Tooele	435-843-2104	dwinn@tooelecity.org
Jim BOLSER	90 No. MAIN, TOOELE	435-843-2132	jimb@tooelecity.org
Wayne Anderstom	555 W 900 S Tooele	435-843-3458	WayneAnderstom@tooeleco.org
Markus Seat	1178 S. 1050 W. Tooele	435-224-3261	mseat@grantsvilleut.gov
Sue Clegg Lloyd Evans Jr.	47 South Main Tooele	801-541-5828	sclegg@angr Utah.com



**TOOELE COUNTY
EMERGENCY MANAGEMENT**
15 East 100 South, Tooele, Utah
435- 833-8100
www.tcem.org

November 19, 2020

Tooele County Pre-Disaster Mitigation Plan Risk Assessment Meeting was conducted in a virtual format as such a signed roster could not be completed. The following individuals were in attendance to the meeting. A MP4 recording of the meeting is available and can be used to confirm attendance if necessary.

Tooele City

Jared Stewart
Jim Bolser

Rush Valley

Pete Albrecht

Grantsville City

James Waltz
Christy Roberts

Stockton City

Nando Meli

Tooele County

Rachelle Custer
Jacob Clegg
Dan Walton
Bucky Whitehouse
Beckie Boekweg

Vernon Town

Dennis Clarke

BRAG


Matt Starley

Rush Valley

Pete Albrecht

Please let me know if there are any questions related to this meeting

Sincerely,


Bucky Whitehouse
Emergency Services Director.

PDM Mitigation Strategies Meeting — Tooele County.

Name	Address	Phone	E mail address
Dan Walton	15 E 100S Tooele	435-241-0027	dwalton@utah.gov
Misti Williams	47 S. Main	435-241-0068	mwilliams@tooeleco.org
Mark McKendrick	47 S. Main	(435) 241-0065	mmckendrick@tooeleco.org
Nando Meli	PO Box 28 Stockton	435-244-9783	Nando.M.1999@MSN.com
Amy Lyman	PO Box 344 Stockton	861 673 3126	shnamy99@gmail.com
Rachelle Custer	47 S Main Tooele	435 843 3160	rcuster@tooeleco.org
Sake Clegg	47 S. Main Tooele	435-843-3160	sclegg@ensignutah.com



**TOOELE COUNTY
EMERGENCY MANAGEMENT**
15 East 100 South, Tooele, Utah
435- 833-8100
www.tcem.org

September 28, 2021

Tooele County Pre-Disaster Mitigation Plan Pre-Adoption Meeting was conducted in a virtual format as such a signed roster could not be completed. The following individuals were in attendance to the meeting. A MP4 recording of the meeting is available and can be used to confirm attendance if necessary.

Tooele City

Jared Stewart
Paul Hansen

Grantsville City

James Waltz
Brent Marshall

Rush Valley

Pete Albrecht

Stockton City

Nando Meli

Tooele County

Rachelle Custer
Bucky Whitehouse
Beckie Boekweg

Stansbury Service Agency

Brett Palmer

BRAG

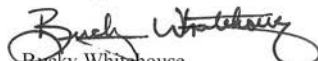
Matt Starley
Zach Covington

Rush Valley

Pete Albrecht

Please let me know if there are any questions related to this meeting

Sincerely,


Bucky Whitehouse
Emergency Services Director.

SUMMARY TABLE OF ALL MEETING ATTENDANCE BY NAME AND ORGANIZATION - 2021 TOOELE COUNTY PDMP						
Name	Title	Organization	9/15/2020	11/19/2020	5/20/2021	9/28/2021
Amy Lyman	Captain	Stockton City Fire Dept			X	
Beckie Boekweg	Office Manager	Tooele County Emergency Management		X		X
Brent Marshall	Mayor	Grantsville City				X
Brett Palmer	Public Works Director	Stansbury Service Agency				X
Bucky Whitehouse	Emergency Services Director	Tooele County	X	X	X	X
Christy Roberts	Public Works Assistant Director	Grantsville City	X	X		
Dan Walton	Tooele County Fire Chief	Tooele County		X	X	
Debbie Winn	Mayor	Tooele City	X			
Dennis Clarke	Mayor	Vernon Town		X		
Eric Martineau	Mitigation Specialist	Utah Division of Emergency Management	X			
Jacob Clegg	Tooele County Engineer	Tooele County	X	X	X	
James Waltz	Public Works Director	Grantsville City	X	X		X
Jared Stewart	Economic Development Director	Tooele City		X		X
Jim Bolser	Community Development Director	Tooele City	X	X		
Kendall Thomas	County Council	Tooele County	X			
Lloyd Evans Jr.	Fire Marshall	Tooele County	X			
Mark Mckendrick	Facility/Parks and Recreation Dir	Tooele County			X	
Markus Seat	Engineer/Planner	Grantsville City	X			
Matthew Starley	BRAG Regional Planner	BRAG	X	X	X	X
Misti Williams	Facility/Parks and Recreation Dir	Tooele County			X	x
Nando Meli	Towne Council	Stockton City		X	X	X
Paul Hansen	Tooele City Engineer	Tooele City				X
Pete Albrecht	City Council	Rush Valley		X		X
Rachelle Custer	Community Development Director	Tooele County	X	X	X	X
Steve Bowman	Geologic Manager	Utah Geological Survey	X			
Timm Dixon	Engineer/Planner	Grantsville City	X			
Tom Tripp	County Council	Tooele County	X			
Wayne Anderton	Assistant Roads Director	Toole County	X			
Zac Covington	Sr. Regional Planner	BRAG	X			X

Critical Asset Review Guide

To review your jurisdiction's critical asset data in the easiest and most efficient way we ask that you use Google Earth Pro (free). The advantage of using Google Earth Pro is that you can easily explore, add or edit critical assets in your jurisdiction and send it back to us. Please follow the step below to install and use Google Earth Pro.

Note: If Google Earth is not an option for your jurisdiction please let us know and we can provide you with a digital pdf map to review instead.

For help, questions or comments please email or call:

- Matthew Starley matts@brag.utah.gov or (435) 713-1427

Data Security

The security of your jurisdiction's critical asset data is important. All critical asset data will be kept in-house and not made public. Any sensitive data provided in our analysis will not be released to the public version of the plan. If you would like us to send a letter stating that, we can do so at your request.

Do you have missing critical asset data in digital or hard copy format?

Do you have critical asset data that you would like analyzed in the risk analysis that we don't have, such as water lines or water treatment facilities? If so, please email it to us. This can be a digital document/GIS file (e.g., pdf, jpeg) or a hard copy (e.g., town map, general plan) that you can scan and upload. We will save you the time of adding/editing it in Google Earth.

Download and Install Google Earth Pro

How do I download and install Google Earth Pro?

1. Copy and paste the link below into your internet browser to download and install Google Earth: <https://support.google.com/earth/answer/21955?hl=en>
2. Not working out? Please contact Matthew for guidance

How do I load the data into Google Earth using **Windows**?

1. Attached to the email you received will be a zipped file containing critical asset data called **County Critical Asset Review**. Proceed to download that file.
2. Once the file has been download open the **File Explorer** and navigate to **Downloads**.
3. Right click on the file **County Critical Assets Review** and select **Extract All**. This will unzip the file and allow you to use it in Google Earth Pro.
4. Next Open Google Earth Pro.
5. On the top of the program click **File > Open**.
6. Navigate to the **Downloads** folder and select the unzipped folder **County Critical Assets Review** and **Open** the file **County Critical Asset**.
7. Select the **County Critical Asset** files and click **Open**. This will load the data into Google Earth.

How do I load the data into Google Earth using **Mac**?

1. Attached to the email you received will be a zipped file containing critical asset data called **County Critical Asset Review**. Proceed to download that file.
2. Once the file has been download open the **Finder** and navigate to **Downloads**.
3. Double click on the file **County Critical Asset Review**. This will unzip the file and allow you to use it in Google Earth Pro.
4. Next Open Google Earth Pro.
5. On the top of the program click **File > Open**.
6. Navigate to the **Downloads** folder and select the unzipped folder **County Critical Asset Review** and choose **Open**.
7. Select the **County Critical Asset** files and click **Open**. This will load the data into Google Earth.

Using Google Earth

How do I navigate in Google Earth?

Use **Zoom**, **Move** and **Rotate** to view your jurisdiction's Critical Asset Data. This is your jurisdiction's opportunity to explore the critical asset data we have collected and let us know what we have missed or what is inaccurate. You can click on the map icons to show more information about the asset.

1. **Zoom** in and out of the map by using the scroll wheel on your mouse OR the **Zoom Slider** located in the upper right hand corner of the program (+ to zoom in, - to zoom out).
2. **Move** around the map by clicking and dragging the map OR using the **Move** controls (located in the upper right hand corner just above the zoom slider).
3. **Rotate** the map by holding the **Ctrl** button (Windows) or **Command** (Mac) while moving your mouse OR using the **Look** controls (located on above the Move and Zoom Slider controls in the upper right hand corner).

4. If you are interested in additional information on using Google Earth please visit:
<https://www.virginiaview.cnre.vt.edu/curriculum/Google%20Earth%20Pro%20Manual.pdf>

Adding Missing Critical Asset

How do I add a missing critical asset point (e.g., park, church, school)?

Don't see a critical asset point but you want it included in your jurisdiction's analysis? Add a missing critical asset by clicking on the **New Placemark** button (yellow pushpin located on the top of the program).

1. When you click the **New Placemark** button a popup window will appear.
2. Move the popup window to the side of your screen. You will then see an icon with a yellow box around it.
3. Click and hold the icon and move it to the location you would like.
4. Once you have placed the icon where you want it, you will enter information about it.
5. In the popup window, name the type of critical asset you want to add, for example, if you want to add a park, name the placemark "park." In the same popup window under **Description** add any additional information, such as the name of the asset, or anything else you would like us to know about the critical asset.
6. Once you are done adding the information about the critical asset click **Ok**.
7. Didn't quite place the critical asset where you wanted it? You can move the critical asset by right clicking on the icon and selecting **Properties**. A popup window will appear, move it to the side if you need to then move the critical asset (asset will have a yellow box around it) where you would like it and click **Ok** in the popup window.

How do I add a missing critical asset line (e.g., canal, pipeline, road)?

Don't see a critical asset line but you want it included in your jurisdiction's analysis? Add a missing critical asset by clicking on the **Add Path** button (icon with three circles connected by lines, two over from the yellow pushpin).

1. When you click the **Add Path** button a popup window will appear.
2. Move the popup window to the side of your screen.
3. To create the line you will click along the map where you would like the line to be.
4. Once you are done adding the line, you will enter information about it.
5. In the popup window, name the type of critical asset you want to add, for example, if you want to add a canal, name the path "canal." In the same popup window under **Description** add any additional information, such as the name of the asset, or anything else you would like us to know about the critical asset.

6. Once you are done adding the information about the critical asset click **Ok**.
7. Didn't quite place the critical asset where you wanted it? You can move the critical asset by right clicking on the icon and selecting **Properties**. A popup window will appear, move it to the side if you need to then hover over a point along the line until the crosshairs turns into a hand. Once that occurs you can move the point to change its location. When you are done editing the line click **Ok** in the popup window.

Fixing misplaced or wrong critical assets

How do I fix a misplaced critical asset?

Due to data inaccuracies some of the critical assets we have mapped are not in their exact locations. If you would like to move a critical asset to a location that is more accurate do so by right clicking on the critical asset and selecting **Properties**. Depending on what type of critical asset it is (point or line), follow step 7 from the "how do I add a missing critical asset point or line." After you move the critical asset add the words misplaced to the end of the critical asset type in the Name box in the popup window. This will help us know which critical assets have been edited. When you are done moving the critical asset click **Ok** in the popup window and continue reviewing.

How do I fix a wrong critical asset?

Is a critical asset wrong? Due to data inaccuracies some of the critical assets we have mapped might be wrong and need to be removed. If you would like to remove a wrong critical asset do so by right clicking on the wrong critical asset and select **Properties**. A popup window will appear with information about that critical asset. In the Name box add the word Wrong to the name. This will help us know which critical assets need to be removed.

Sending back your comments

All done reviewing and editing your jurisdiction's critical asset data? Follow the steps below:

1. Go to **File > Save > Save Place As**
2. In the new window, go to the left-hand panel and select a folder you would like to save the data to (don't know where to save the critical asset data? Select Desktop). Rename the file name to your jurisdiction's name.
3. Click **Save**.
4. **Email** the saved file back to Matthew.

What Community Assets Should Be Analyzed?

Which assets are the most vulnerable to natural hazards in our communities?

*Denotes assets from the previous PDMP

Population

- ☐ Commercial Properties
- ☐ Population Density
- ☐ Residential Parcels*
- ☐ Future Residential Development
- ☐ Low Income Populations
- ☐ Older Adult Populations
- ☐ Disabled
- ☐ Children
- ☐ Non-English Speakers

Infrastructure

- ☐ Railroad Lines
- ☐ Natural Gas Lines
- ☐ Electrical Power Lines
- ☐ Roads
- ☐ Future Roads
- ☐ Canals

Critical Facilities

- ☐ Airports
- ☐ Assisted Living Facilities*
- ☐ Bridges
- ☐ Broadband Anchors
- ☐ Clinics*
- ☐ Correctional Facilities
- ☐ Dams
- ☐ EMS/Fire Station
- ☐ Electric Substations *
- ☐ Emergency Operation Centers
- ☐ Flood Channel*
- ☐ Gas Station*
- ☐ Government Buildings*
- ☐ Grocery Store*
- ☐ Health Care Facilities
- ☐ Hydroelectric Plants*
- ☐ Irrigation*
- ☐ Law Enforcement Offices
- ☐ Locations Housing Hazardous Material
- ☐ Military Facilities
- ☐ Places of Worship*
- ☐ Post Office*
- ☐ Public Facilities
- ☐ Schools*
- ☐ Secondary Diversion*
- ☐ Shelters*

- ☐ Town Hall*
- ☐ Water and Wastewater*
- ☐ Well and Springs*
- ☐ Well Building*

Agricultural Features

- ☐ Agricultural Production
- ☐ Farmland
- ☐ Grazing
- ☐ Century Farms
- ☐ Historic Barns

Environmental and Recreational Features

- ☐ Lakes
- ☐ Local Parks
- ☐ Outdoor Amenities
- ☐ Riparian Areas
- ☐ Streams
- ☐ Parks
- ☐ Sensitive Habitat
- ☐ Trails
- ☐ Wetlands

Other Major Economic Employers

- ☐ Commercial Centers
- ☐ Future Commercial or Industrial Development

Cultural Resources

- ☐ Historic Buildings
- ☐ Museums
- ☐ Geological Sites
- ☐ Concert Halls
- ☐ Stadiums

Other:

Planning Process Input

- ☐ Field Trips
 - ☐ Geologic Sites
 - ☐ Wetlands/Floodplain Sites
 - ☐ Wildfire High Risk Sites
- ☐ Presentations from Natural Hazard Experts
 - ☐ Flood
 - ☐ Drought
 - ☐ Geologic (faults, liquefaction)
 - ☐ Landslide
 - ☐ Wildfire
 - ☐ Other:
- ☐ Hands on hazard scenario mapping and planning activity

Countywide Working Group Members

- ☐ Elected Officials: Commissioners, Mayors, Council Members
- ☐ Tribal Leaders
- ☐ Emergency Managers
- ☐ Fire Chiefs
- ☐ EMS
- ☐ Sheriff/Police
- ☐ Planning and Zoning Commission
- ☐ Transportation Planner/MPO
- ☐ City, County, State Planners
- ☐ GIS staff
- ☐ Public Works
- ☐ Engineers
- ☐ State and Federal Land Managers
- ☐ School Districts
- ☐ University and Colleges
- ☐ Health Department
- ☐ Chamber of Commerce
- ☐ Local Citizens

Planning Process Input

- ☐ Community Emergency Response Team (CERT)
- ☐ Others:

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call 435-882-0050

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DRAFT 2021 PRE-DISASTER MITIGATION PLAN FOR THE TOOELE COUNTY

In accordance with the Disaster Mitigation Act of 2000, the Pre-Disaster Mitigation Plan for the Tooele County has been updated. The plan is now available for a 30-day public comment period ending on October 17, 2021 at 6:00 PM. The plan identifies potential natural hazards, estimates vulnerability to those hazards, and documents mitigation strategies for all participating jurisdictions located within Tooele County, Utah. To view the plan, click the link at the bottom of the home page of the Tooele County Emergency Management website at www.tcem.org. If you would like a hard copy of the plan, or have any comments or questions, contact Bucky Whitehouse, Emergency Services Director, at bucky.whitehouse@tcem.org or call at 435.8338100.