



**LYON COUNTY LOCAL EMERGENCY PLANNING COMMITTEE-
HAZARD MITIGATION PLANNING WORKSHOP**

WEDNESDAY, JULY 12, 2023

10:00 AM

**LYON COUNTY ADMINISTRATIVE COMPLEX
27 S. MAIN STREET
YERINGTON, NV 89447**

Join Zoom Meeting:

<https://us02web.zoom.us/j/83676104571?pwd=K0QzNHl1SIRkb09HQk1WaUIDMUEyZz09>

Meeting ID: 836 7610 4571 / Passcode: 273408

Mobile: 1-346-248-7799 / 1-408-638-0968

Meetings are open to the public and may be attended in person or via virtual Zoom, if available. Virtual public comment may be given if you are attending the virtual Zoom meeting by raising your hand. This can occur in several ways, including by dialing *9 from your phone to raise your hand and request to speak for public comment. Then to unmute yourself, dial *6.

Written public comments may also be mailed to the Lyon County Clerk-Treasurer's Office at 27 S. Main Street, Yerington, Nevada 89447, or emailed to countyclerks@lyon-county.org, be sure to type, **PUBLIC COMMENT** in the subject line. Comments must be received the day prior to the date of the meeting by 4:00 P.M. for the comments to be included in the meeting. Any written public comments received after the aforementioned time will be compiled and added as supplemental materials to the County's website and distributed to the Board within 24 hours after the meeting.

AGENDA

(Action will be taken on all items unless otherwise noted)
(No action will be taken on any item until it is properly agendized).

To avoid meeting disruptions, please place cell phones and beepers in the silent mode or turn them off during the meeting.

The Board reserves the right to take items in a different order to accomplish business in the most efficient manner. Items may be combined for consideration and items may be pulled or removed from the agenda at anytime.

Restrictions on comments by the general public: Any such restrictions must be reasonable and may restrict the time, place and manner of the comments, but may not restrict comments based upon viewpoint.

1. **Roll Call**
2. **Public Participation (no action will be taken on any item until it is properly agendized)** - *It is anticipated that public participation will be held at this time, though it may be returned to at any time during the agenda. Citizens wishing to speak during public participation are asked to state their name for the record and will be limited to 3 minutes. The Board will conduct public comment after discussion of each agenda action item, but before the Board takes any action.*
3. **Review and Adoption of Agenda**
4. **REGULAR AGENDA - (Action will be taken on all items unless otherwise noted)**
 - 4.a. For Possible Action: Approval of May 10, 2023 LEPC minutes
 - 4.b. For Possible Action: Review and discussion on the update of the 2023 Lyon County Multi-Jurisdictional Hazard Mitigation Plan to include:
 - Review of 2023 Hazard Mitigation Planning Process (Taylor Allison, Lyon County Emergency/Communications Manager)
 - Round table discussion – Hazard Vulnerability Ranking Worksheet
 - Review Sections 1 through 3 of draft 2023 Lyon County Regional Hazard Mitigation Plan
 - Wrap up and Q&A discussion
5. **For Report Only: Lyon County Emergency Management and Member Reports**
6. **Future Agenda Requests**
7. **Public Participation (no action will be taken on any item until it is properly agendized)** - *It is anticipated that public participation will be held at this time, though it may be returned to at any time during the agenda. Citizens wishing to speak during public participation are asked to state their name for the record and will be limited to 3 minutes. The Board will conduct public comment after discussion of each agenda action item, but before the Board takes any action.*
8. **Adjourn**

Pursuant to NRS 241.020, the agenda has been posted at the following locations: Lyon County Administrative Complex (27 S. Main Street, Yerington, NV), the Lyon County Website: <https://www.lyon-county.org>, and the State Website: <https://notice.nv.gov>. Supporting documentation for the items on the agenda is available to members of the public at the County Manager’s Office (27 S. Main Street, Yerington, NV), by phone (775)463-6531, or by email requests to countyclerks@lyon-county.org.

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T.D.D. services available through 463-2301 or 463-6620 or 911 (emergency services) notice to persons with disabilities: members of the public who are disabled and require special assistance or accommodations at the meeting are requested to notify the Commissioners'/Manager's office in writing at 27 S. Main Street, Yerington, NV 89447, or by calling (775) 463-6531 at least 24 hours in advance

Lyon County is an equal opportunity provider.

Agenda and Backup Material is
Available at www.lyon-county.org

Lyon County Local Emergency Planning Committee Agenda Summary

Meeting Date: July 12, 2023

Agenda Item Number: 4.a

Subject: For Possible Action: Approval of May 10, 2023 LEPC minutes

Recommendation:

Summary:

Attachments:

May 10, 2023 LEPC Minutes

1. Roll Call at 10:05 A.M.

Present: Taylor Allison Emergency Manager, Andrew Haskin County Manager, Scott Draper MVFPD, Darren Wagner YPD, Brett Larkin CLCFPD, Alexis Madera CHN, Sheryl Graham LCSSAR, Donna Cupp LCSO, Jason Nichol NLCFPD.

Phone/Video: Shari Grennan with DEM, Dave Hockaday Commissioner, Kim Berry SLMC, Jessica Brenner QCPHP.

2. Public Participation

There was none.

3. For Possible Action: Review and adoption of agenda

Scott Draper moved to approve the adoption of the agenda, Andrew Haskin seconded, and the vote carried unanimously.

4. For Possible Action: Approval of April 19, 2023 LEPC minutes

Andrew Haskin moved to approve the April 19, 2023 minutes, Scott Draper seconded, and the vote carried unanimously.

5. For Discussion Presentation and Workshop:

5.a For Possible Action: Review and discussion on the update of the 2023 Lyon County Multi-Jurisdictional Hazard Mitigation Plan to include:

- **Overview of Hazard Mitigation Planning and Review of 2018 Lyon County Multi-Jurisdictional Hazard Mitigation Plan (Taylor Allison, Lyon County Emergency/Communications Manager)**
- **Round table discussion – Hazard Identification and Screening Worksheet**
- **Round table discussion – Hazard Vulnerability Ranking Worksheet**
- **Wrap up and Q&A discussion**

Taylor Allison gave a presentation of the Hazard Mitigation of the meeting goals, planning process and objectives.

Discussion for goals: compliance, apply for mitigation grants, signatory to the plan for entities, apply for grants as a jurisdiction, hm projects, notification process or apps, link on the EM page,

Group reviewed the Hazard Identification and Screening Worksheet. Taylor Alisson asked for revisions on the worksheet and the group agreed to her additions. Group discussion included: Transportation incidence (single bridge in Dayton is an issue, rockslide, or

flooding, flight, rail), energy emergency, technological hazards, building security and safety (early detection and threats to infrastructure),

The group agreed to keep all on the sheet and there is a standard definition for each category. Taylor Allison to bring back adjustments as needed.

Question to keep volcano and tsunami. There are active volcanos and current study being done. Group agreed to remove Tsunami and it could be under the flooding impacts.

The group reviewed the Hazard Ranking Worksheet and the definitions. She asked for all to complete the form and turn in to her. As a group they discussed and rated the hazards types. **ADD THE FINAL WORKSHEET TO THE MIN.** Taylor recommended at the next meeting to review the definitions further. Group suggested to rate them into severity ranking and separating them, the pros and cons of how it can affect their plan. Change: remove extreme heat, and for I to be included in the severe storm and extreme snowfall??? The group agreed to stop at Severe Storm and

Andrew Haskin moved to table to Hazard Ranking Worksheet the next meeting. McIntosh seconded, and the vote carried unanimously.

6. For Report Only: Lyon County Emergency Management and LEPC member comments

Jason Nicoll reported on Thursday is the SERC meeting and he can't give a report if the meetings are on the same day. LEPC

7. Agenda Requests

There was none.

8. Public Participation

There was none.

9. Adjourn

The meeting was adjourned at 10:33 A.M.

Lyon County Local Emergency Planning Committee Agenda Summary

Meeting Date: July 12, 2023

Agenda Item Number: 4.b

Subject: For Possible Action: Review and discussion on the update of the 2023 Lyon County Multi-Jurisdictional Hazard Mitigation Plan to include:

- Review of 2023 Hazard Mitigation Planning Process (Taylor Allison, Lyon County Emergency/Communications Manager)
- Round table discussion – Hazard Vulnerability Ranking Worksheet
- Review Sections 1 through 3 of draft 2023 Lyon County Regional Hazard Mitigation Plan
- Wrap up and Q&A discussion

Recommendation:

Summary:

Attachments:

- Updated Schedule

-Hazard Ranking Score Sheet



OFFICE OF EMERGENCY
MANAGEMENT

2023 Lyon County Multi-Jurisdictional Hazard Mitigation Plan Update Timeline

May 2023 - Kick-off Planning Meeting | **May 10, 2023 10:00am in Commission Chambers**

- Organize Planning Committee
- Presentation on Hazard Mitigation planning process – planning updates
- Provide 2019 MJHMP and the State of Nevada's 2022 THIRA for review
- Conduct exercise to rank hazards for Lyon County and the Cities of Fernley and Yerington.

June 2023 | **MEETING CANCELED DUE TO FLOOD RESPONSE**

July 2023 | **July 12, 2023 10:00am in Commission Chambers**

- Review and complete hazard ranking outcomes from previous meeting
- Review Sections 1 through 3
- Begin deep dive into specific hazards – evaluate recent history and information available by hazard type including updated maps for earthquake faults, fire history, flood history, etc.

August 2023 | **August 9, 2023 10:00am in Commission Chambers**

- Presentation by National Weather Services on Weather Hazards
- Review Section 4 – continue deep dive into specific hazards
- Approve community survey questionnaire for public participation
- Approve community outreach plan – including events to gather community input

September 2023 | **September 13, 2023 10:00am in Commission Chambers**

- Disseminate community survey and participate in community events to gather input
 - Provide 2019 MJHMP for review
 - Educate on general preparedness
 - Prepare sign-in sheets for community members wanting more specific information related to their area and a copy of the final plan when released
- Review Section 5 Vulnerability Assessment from 2018 MJHMP – utilize Assessor and GIS information
 - Review Appendix F through H
- Review Section 6 Capabilities Assessment from 2018 MJHMP

October 2023 – Final Planning Meeting | **Oct. 11, 2023 10:00am in Commission Chambers**

Final Review of Lyon County Multi-Jurisdictional Hazard Mitigation Plan including:

- Review findings from community survey/public participation – adjust hazard rankings, as appropriate, based on community feedback
- Develop Section 7 – Goals and Potential Actions ranked using FEMA's tool the STAPLE+E. Each committee member will rank actions in the plan update.
- Approve Section 8 – Plain Maintenance and Implementation Plan
- Develop final draft deadline and dissemination plan



2023 Lyon County Multi-Jurisdictional Hazard Mitigation Workshop – HAZARD RANKING WORKSHEET – LYON COUNTY

Name: _____ Date: _____ Agency: _____

Instructions: Please complete the table rating each indicator 1-5 using the Vulnerability Ratings Rubric provided below.

Vulnerability Ratings Rubric					
Rating	Probability	Magnitude	Frequency	Onset	Duration
1	Highly unlikely (0-10%)	No injuries or deaths expected, minimal property damage	Less than every 25 years	Greater than 30 days of warning	Only brief moments
2	Fairly unlikely (10-25%)	Between 1 and 5 injuries or deaths, minor property damage	10-25 years	5-30 days of warning	1-24 hours
3	Moderate (25-75%)	Between 5 and 25 injuries or deaths, severe property damage	5-10 years	1-5 days of warning	Days to weeks
4	Likely (75-90%)	Between 25 and 50 injuries or deaths, severe property damage	1-5 years	1-10 hours of warning	Weeks to months
5	Highly Likely (90-100%)	Greater than 50 injuries or deaths, catastrophic property damage	Once per year	No warning	Months to years

LEVEL BY RANKING	VERY LOW RISK (1-4)	LOW RISK (5-10)	MEDIUM RISK (9-15)	HIGH RISK (16-20)	VERY HIGH RISK (21-25)
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2023 Hazard Vulnerability Rating Worksheet							
Currently in the 2018 MJHMP	Hazard Type	Probability	Magnitude/Severity	Frequency	Onset	Duration	TOTAL
Yes	Avalanche	Highly unlikely	0 Injuries/Deaths, Minimal Damage	<Every 25 years	1-10 hours warning	Days to weeks	LOW 10
No	Criminal Acts and Terrorism/WMD	Highly likely	5-25 Injuries/Deaths, Severe damage	1-5 years	No warning	Weeks to months	VERY HIGH 21

Yes	Dam/Canal/ Reservoir Failure	Fairly unlikely	25-50 Injuries/dea ths, Severe damage	10-25 years	1-10 hours warning	Weeks to months	HIGH 16
Yes	Drought	Highly likely	5-25 Injuries/De aths, Severe damage	1-5 years	>30 Days warning	Months to years	HIGH 18
Yes	Earthquake	Moderate	>50 Injuries/De aths, Catastroph ic	<Every 25 years	No warning	Weeks to months	HIGH 18
Yes	Epidemic/ Infectious Disease	Likely	>50 Injuries/De aths, Catastroph ic	1-5 years	5-30 Days warning	Months to years	HIGH 20
Yes	Expansive soil	Moderate	0 Injuries/De aths, Minimal Damage	1-5 years	No warning	Days to weeks	HIGH 16
Yes	Flood	Likely	5-25 Injuries/De aths, Severe damage	1-5 years	1-5 Days warning	Weeks to months	HIGH 18
Yes	Hazardous Materials	Moderate	1-5 Injuries/De aths, Minor Damage	1-5 years	No warning	Days to weeks	HIGH 17
Yes	Infestation	Fairly unlikely	5-25 Injuries/De aths, Severe damage	<Every 25 years	5-30 Days warning	Weeks to months	MED 12
Yes	Landslide	Likely	5-25 Injuries/De aths, Severe damage	1-5 years	No warning	Weeks to months	HIGH 20
Yes	Severe storm and extreme snowfall	Highly likely	5-25 Injuries/De aths, Severe damage	Once per year	1-5 Days warning	Days to weeks	HIGH 20
Yes	Tornado	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	

Yes	Volcano	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
Yes	Wildland Fire	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
Yes	Windstorm (combined with severe weather)	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
No	Energy Emergency	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
No	Transportation Incident (including Aircraft crash)	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
No	Water/Wastewater Emergency	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
No	Economic/Supply Chain	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	
No	Technological Hazards (including Cyber)	Choose an item.	Choose an item.	Choose an item.	Choose an item.	Choose an item.	