



**City of
McMinnville**

Emergency Management Program update, March 2024

JOINT WORK SESSION, MARCH 20, 2024



Tice Park (Tree Grove C5)

Quick Introduction Video

<https://www.youtube.com/watch?v=sAQzHBpRsc>

Emergency Management Program
update, March 2024

Provided by

Jeff Jacobs,
City of McMinnville
Emergency Management Coordinator

When a disaster happens, the people of McMinnville will be looking to The City staff and elected official for help.

Let's be there for them

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Presentation Overview

- Program background
- Current state of the program
- My background
- Hazards and threats
- Program overview and structure
- Priorities and objectives
- Current projects

Program Background

The Stafford Act (PL-93-288) provides the authority for the federal government to respond to disasters and emergencies. Under the Stafford Act, the President is authorized to:

- Establish a program of disaster preparedness that uses services of all appropriate agencies;
- Make grants to states, upon their request, for the development of plans and programs for disaster preparedness and prevention; and
- Ensure that all appropriate federal agencies are prepared to issue warnings of disasters to state and local officials.

Homeland Security Presidential Directive-5

...The United States Government shall establish a single, comprehensive approach to domestic incident management. The objective of the United States Government is to ensure that all levels of government across the Nation have the capability to work efficiently and effectively together, using a national approach to domestic incident management.

401.052 EMERGENCY MANAGEMENT AND SERVICES

This Oregon Law establishes the Oregon Department of Emergency Management and specifies duties and responsibilities. It also requires at least one multi jurisdictional emergency response exercise per year.

Program Background

Yamhill County Ordinance 883

...preparations for emergencies and governmental responsibility for responding to emergencies be placed at the local government level. Further, its policy and intent is that the state should prepare for emergencies, but not assume authority or responsibility for responding to such an event unless the appropriate response is beyond the capability of the local government...

The City of McMinnville Comprehensive Plan, Chapter II, goal 4.5

The city should develop, adopt and maintain a natural hazards inventory as part of the McMinnville Comprehensive Plan (Volume I). The inventory shall include maps and text that identify the location, type and risk level for three types of natural hazards: geological hazards (including steep slopes, earthquakes and landslides), flood hazards (land within the 100-year floodplain) and wildfire hazards within the urban growth boundary and the unincorporated land outside of the urban growth boundary.

The City of McMinnville Comprehensive Plan, Chapter II, goal 7

Local governments shall adopt comprehensive plans (inventories, policies and implementing measures) to reduce risk to people and property from natural hazards.

State of the Program

- Historically, the Fire, Police, and Public Works Departments have been jointly responsible for aspects of the Emergency Management Program.
- As of this year, the Fire Department is now part of the Fire District.
- The Emergency Operations Plan (EOP) was developed in 2010 and last reviewed in 2015.
- In 2021, *A Natural Hazards Inventory & Management Program Options and Recommendations* document was prepared by Winterbrook Planning.
- In November 2023, The City obtained a grant to have the EOP rewritten. Bidding for that contract is imminent and the new plan will be completed by July of 2025.

State of the Program

- In December of 2023, the City ***hired a part-time emergency manager*** to focus on emergency planning and preparation over the next three years.
- Currently, the I.S. Department is reaching out to cybersecurity partners including the Oregon National Guard Cyber Operations and Oregon's Cyber Security Services to perform a ***cybersecurity assessment*** in calendar year 2024.
- Currently, our Community Development team is partnering with the Oregon Department of Geology and Mineral Industries, Yamhill County, and the City of Newberg to apply for a FEMA, Region X ***grant for a Lidar and Multi-Hazard mapping***.

My Background

Originally from Tallahassee, FL

24 years of Emergency Response and Management expertise

Associates Degree in Emergency Management

Real-world experience responding to emergencies and leading an Emergency Operations Center

Current Noncommissioned Officer in the Air National Guard as an Emergency Manager

3 Deployments to conflicts in the Middle East

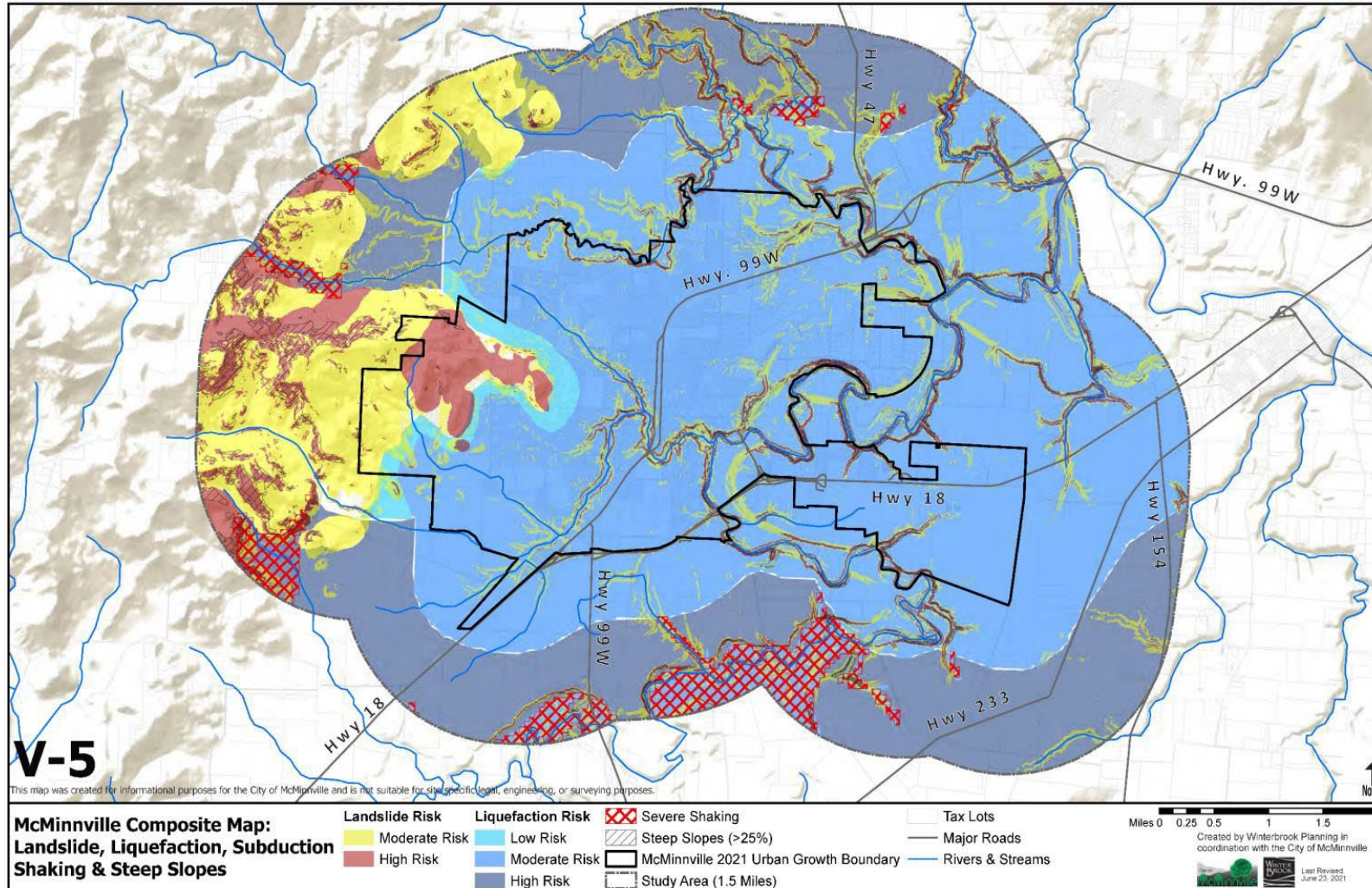
Advanced training in CBRN and Hazmat; access to military sponsored training

- Correctional Officer, Wakulla CI, FL, 1998-1999
Riot Squad, Competition pistol team, lead officer
- Military Police Officer, Nellis AFB, 1999-2005
Antiterrorism Advisor, SWAT member, Response Force leader
- District Operations Manager, AlliedBarton Security, Las Vegas, 2006-2009
120 armed and unarmed employees
- Lieutenant, Boyd Gaming, Las Vegas 2009-2011
Managed safety, security, and EM for two smaller casinos
- Federal Contract Security Officer, AIT, Portland, OR 2011-2014
- Emergency Manager, Oregon Air National Guard, Nov 2014 - Present



Composite natural hazards inventory:

- Geologic Hazards (Landslides & Steep Slopes >25%)
- Earthquake Hazards (Liquefaction & Shaking) – Cascadia Subduction Zone Earthquake
- Flood Hazards
- Wildfire Hazards



Natural Hazard Probability Assessment

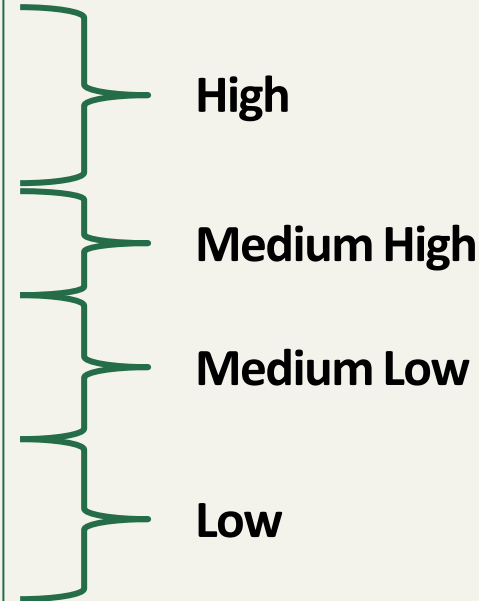
- Scored on a scale from 0 to 5
- Probability is based on inventories developed by state agencies
- Vulnerability is based on State Natural Hazard Management Plan

Natural Hazard Type	Probability of the Hazard in McMinnville		Social + Physical Vulnerability
Landslide	Moderate	2	2.67
	High	5	
Cascadia Subduction Zone Earthquake			(Earthquake) 3.33
Liquefaction	Moderate	2	
	High	5	
Shaking	Very Strong	2	
	Severe	5	
Slope	➤ <u>25%</u>	5	-
Wildfire	Moderate	2	2.50
	High/Severe	5	
Flood	Floodplain	5	2.67
	Floodway	5	

Identified Hazards (all types)

Table 2-1 City Hazard Analysis Matrix					
Hazard	Rating Criteria with Weight Factors				Total Score
	History ¹ (WF=2)	Vulnerability ² (WF=5)	Max Threat ³ (WF=10)	Probability ⁴ (WF=7)	
<i>Score for each rating criteria = Rating Factor (High = 10 points; Moderate = 5 points; Low = 1 point) X Weight Factor (WF)</i>					
Weather	H	H	H	H	240
Hazardous Materials Spill	H	H	H	H	240
Utility Failure	H	H	H	H	240
Resource Shortage	H	H	H	H	240
Earthquake	L	H	H	M	187
Volcano/Ash	L	H	H	M	187
Flood	H	M	M	H	165
Health Epidemic	L	H	H	L	159
Nuclear Incident	L	H	H	L	159
Transportation Incident	H	L	L	H	105
Industrial Incident	H	L	L	M	105
Fire	L	L	L	M	52
Civil Disorder/ Terrorism	L	L	L	L	24

Assessed level of risk and impact



- Notes:
- History addresses the record of previous major emergencies or disasters. Weight Factor is 2. Rating factors: high = 4 or more events in last 100 years; moderate = 3 events in last 100 years; low = 1 or 0 events in last 100 years.
 - Vulnerability addresses the percentage of population or property likely to be affected by a major emergency or disaster. Weight Factor is 5. Rating factors: high = more than 10% affected; moderate = 1%-10% affected; low = less than 1% affected.
 - Maximum Threat addresses the percentage of population or property that could be affected in a worst case incident. Weight Factor is 10. Rating factors: high = more than 25% could be affected; moderate = 5%-25% could be affected; low = less than 5% could be affected.
 - Probability addresses the likelihood of a future major emergency or disaster within a specified period of time. Weight Factor is 7. Rating factors: high = one incident within a 10-year period; moderate = one incident within a 50-year period; low = one incident within a 100-year period.

Other Hazards to Consider

Hazards change or are better understood over time. Hazards will be re-evaluated as part of the upcoming recreation of the Emergency Operations Plan (EOP).

	Priority	Threats according to the EOP	History	Vulnerability	Effectuated population	Probability	Mitigation measures
According to current EOP	1	Weather	High	High	High	High	Wind, Ice, Dust, Drought
	1	Hazmat spill	High	High	High	High	Storage, tucks, trains
	1	Utility failure	High	High	High	High	
	1	Resource shortage	High	High	High	High	
	2	Earthquake	Low	High	High	High	
	2	Volcano/ash	Low	High	High	High	
	3	Flood	High	Medium	Medium	Medium	
	4	Epidemic	Low	High	High	Low	
	4	Nuclear Incident	Low	High	High	Low	
	5	Transportation Incident	High	Low	Low	High	
5	Industrial Incident	High	Low	Low	Medium		
6	Fire	Low	Low	Low	Medium		
7	Civil Disorder/Terrorism	Low	Low	Low	Low		
	Priority	Additional Threats	History	Vulnerability	Effectuated population	Probability	Proposed Mitigation measures
Emerging/Increasing Threats to Consider	TBD	Active Shooter	?	?	?	?	Response training Physical security
	TBD	Cyber disruption, malicious	?	?	?	?	
	TBD	Cyber disruption, ransom	?	?	?	?	
	TBD	Mass casualty event	?	?	?	?	Medical training Medical kits pre-positioned
	TBD	Pandemic	?	?	?	?	HEPA & UV air handling systems Response measures matrix
	TBD	Landslide	?	?	?	?	Soil evaluations Advertise maps and warnings
	TBD	Wildfire	?	?	?	?	
	TBD	Drug epidemic	?	?	?	?	MAA Hospital bed overflow plan
	TBD	Refugee crisis	?	?	?	?	Housing plan
	TBD	Foreign mis/disinformation	?	?	?	?	Identify & advertise fact checking resources
	TBD	Political unrest	?	?	?	?	MAA crowd control equip & Training
	TBD	Aircraft crash	?	?	?	?	Practice with Airport
	TBD	CBRN attack	?	?	?	?	Traing & equip PD & Fire

Program Overview

Emergency
Management
COORDINATOR

1 Employee, 20hrs/week

*Budget
*EM Program Mngmt
*EMWG Facilitator

Prevention & Protection/ Preparation	Response	Recovery	Mitigation
<p>Prevention: Prevent, avoid, or stop an imminent, threatened, or actual act of terrorism.</p> <p>Protection: Protect our citizens, residents, visitors, and assets against the greatest threats and hazards in a manner that allows our interests, aspirations, and way of life to disasters.</p>	<p>Respond quickly to save lives; protect property and the environment; and meet basic human needs in the aftermath of an incident.</p>	<p>Recover through a focus on the timely restoration, strengthening, and revitalization of infrastructure, housing, and a sustainable economy, as well as the health, social, cultural, historic, and environmental fabric of communities affected by an incident.</p>	<p>Reduce the loss of life and property by lessening the impact of future disasters.</p>
<p>EOP</p> <p>COOP</p> <p>MOU/MAA/IGA</p> <p>Compliance</p> <p>Procurement</p> <p>Interagency Partnerships</p>	<p>EOC readiness</p> <p>Exercises & Evaluations</p> <p>Resource Requests</p> <p>Common Operating Pictures</p> <p>Equipment Maintenance</p>	<p>Grants</p> <p>Reimbursements</p> <p>Community Liaison</p> <p>Housing</p> <p>Cultural Liaison</p> <p>Natural Resource Advisor</p> <p>Supply Chain Resiliency</p> <p>Econominc Recovery Plan</p>	<p>Threat Assessments</p> <p>Asset & Site Assessments</p> <p>Employee Training</p> <p>Local Plans</p> <p>Physical Protective Measures</p> <p>Employee Resiliency</p> <p>Detection Capabilities</p> <p>Protection programs & Risk Mngmt</p>

Program Priorities and Objectives

-
- 1. Preservation of human life**
 - 2. Mitigate, limit, and contain emergencies**
 - 3. Ensure due consideration of all natural, man-made, historical, and religious resources during and after emergencies**
 - 4. Provide expert advice and guidance to local government as well as first and emergency responders and liaise with external agencies**
 - 5. Responsible stewardship of public funds and public trust**

- Increase the readiness and resiliency of City Employees so that they can be available to accomplish emergency operations.
- Create, test, and revise local plans to activate, mobilize and coordinate all necessary resources and activities to manage the emergency's immediate consequences.
- Support local first and emergency responders as requested.
- Consult, liaise with, and inform the public and other external agencies, as appropriate, of the procedures, plans, and training materials to educate and prepare those who may be involved in or affected by an emergency.
- Communicate lessons learned from events as part of continuous improvement process.
- Develop, implement, establish and report on controls to prevent, manage and mitigate conditions during an emergency, and communicate these to every level of the organization and its partners.

Current Projects

- Relationship building
- EOP (Emergency Operations Plan) rewrite
- EOP Annexes & checklists review and training
- Validation Exercise
- Departmental level exercises
- COOP (Continuity Of Operations Plans)
- Adjacent Plans
- Emergency Contact numbers
- EOC (Emergency Operations Center) Functionality
- Training Program
- EM (Emergency Management) Budget
- EM Section training
- Citizen relations/support
- NGO (Nongovernmental Organization) relations
- Safety Committee involvement
- Formal EM Program Assessment
- Grant training and requests
- Commercial + Industrial Relations
- EMWG (Emergency Management Working Group) formation.
- Critical Facilities List
- Hazard Assessment
- Organizational Charts and NIMS assignments
- Digital File organization
- EOC upgrades and transportability
- My continuing education and involvement in joint training and planning events
- Continual identification of mitigation opportunities
- Common Operating Picture creation/adoption
- Comprehensive Maps
- Training program creation and implementation
- Capabilities Demonstration
- EM Career Fair / coordination practice
- Community Emergency Response Team (CERT) integration and promotion

Presentation Review

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