

BEFORE THE BOARD OF COUNTY COMMISSIONERS
FOR COLUMBIA COUNTY, OREGON

In the Matter of Adopting the 2023
Columbia County Integrated Preparedness
Plan

RESOLUTION NO. 5-2023

WHEREAS, Columbia County Emergency Management has been working for several months on preparing, revising, and making final an Integrated Preparedness Plan (the "Plan") in order to increase public safety by better integrating and coordination County-wide emergency preparedness efforts; and

WHEREAS, the intent of the Plan is to coordinate the efforts of fifty-eight (58) other active and proposed plans that address community safety, training, equipping, and exercising, as well as provide fifty-five (55) districts and five (5) community partners in the County space to plan their own preparedness efforts if they choose to participate; and

WHEREAS, the Plan presents the recommendation of County staff who worked on the Plan regarding preparedness priorities for the next three years, in order to allow the Board the ability to weigh the recommendations against other priorities and provide Emergency Management with definitive, informed guidance; and

WHEREAS, the Plan was presented to the Board at its regularly scheduled meeting on December 7, 2022, where the Board requested certain revisions of the Plan; and

WHEREAS, based on the input received by the Board, Emergency Management made revisions to the Plan that reflected the feedback received;

NOW, THEREFORE, BE IT RESOLVED that:

1. The 2023 Columbia County Integrated Preparedness Plan, attached hereto as Exhibit A and incorporated herein by this reference, is hereby adopted as an official plan of Columbia County.

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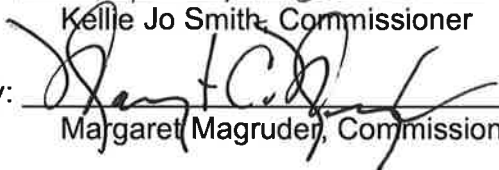
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Dated this 15 day of March, 2023.

BOARD OF COUNTY COMMISSIONERS
FOR COLUMBIA COUNTY, OREGON

By: 
Casey Garrett, Chair

By: Not Present
Kelle Jo Smith, Commissioner

By: 
Margaret Magruder, Commissioner

Approved as to form:

By: 

Office of County Counsel

Columbia County Emergency Management

Integrated Preparedness Plan - 2023

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TABLE OF CONTENTS

Contents

Integrated Preparedness Planning Team	i
Table of Contents.....	1
Executive Summary.....	4
What is this plan?.....	4
Why is it important.....	4
Top 5 Priorities	4
Schedule.....	4
What it means for the Department of Emergency Management?.....	5
What it means for other departments?.....	5
Purpose	6
Concepts	7
Planning	7
Organizing.....	8
Equipping.....	8
Training.....	8
Exercising	8
Limitations	9
Preparedness Activity Considerations	10
Threats, Hazards, and Risks	10
Capability Assessments, Corrective Actions, and Improvement Plans	13
External Sources and Requirements	13
Accreditation Standards and Regulations.....	13
Preparedness Priorities	16
Priority 1: Operational Coordination – Improve Operational Coordination of Columbia County’s public safety community, public administration, and other community stakeholders.....	17
Corresponding Capabilities:.....	17
Rationale:.....	17
Planning Factors:	17
Organization and Equipment Factors:	17
Supporting Training Courses:.....	17
Supporting Exercises:	18

Priority 2: Operational Communication – Improve Operational Communication to increase joint-ness in emergency response efforts 19

 Corresponding Capabilities:..... 19

 Rationale: 19

 Planning Factors: 19

 Organization and Equipment Factors: 19

 Supporting Training Courses: 19

 Supporting Exercises: 20

Priority 3: Planning – Revise the Emergency Operations Plan to provide a solid foundation for all other planning efforts..... 21

 Corresponding Capabilities:..... 21

 Rationale: 21

 Planning Factors: 21

 Organization and Equipment Factors: 21

 Supporting Training Courses: 21

 Supporting Exercises: 22

Priority 4: Public Information and Warning – Integrate and coordinate public information and warning procedures throughout the County. 23

 Corresponding Capabilities:..... 23

 Rationale: 23

 Planning Factors: 23

 Organization and Equipment Factors: 23

 Supporting Training Courses: 23

 Supporting Exercises: 24

Priority 5: Mass Care – Compose a functional annex to the Emergency Operations Plan guiding Mass Care and Shelter efforts 25

 Corresponding Capabilities:..... 25

 Rationale: 25

 Planning Factors: 25

 Organization and Equipment Factors: 25

 Supporting Training Courses: 25

 Supporting Exercises: 26

Program Reporting..... 27

 Columbia County will use the following actions as a part of program reporting procedures: 27

Multi-year Schedule of Preparedness Activities 28

Integrated Preparedness Schedule Q4 of CY 2022 through Q4 of CY 2025 28

Annex A – Special Districts & Key Partners 34

Annex B – Plan Gant Chart 36

Figure 1 - Concepts & Limitations Timeline..... 7

Figure 2 - Oregon OEM Hazard Scoring..... 10

Figure 3 - Columbia County's Oregon OEM Hazard Analysis Worksheet 12

Figure 4 - Pertinent Ordinances, Laws and Regulations..... 15

Figure 5 - Preparedness Priorities..... 16

EXECUTIVE SUMMARY

What is this plan?

This plan aims to increase public safety by better integrating and coordinating county-wide emergency preparedness efforts over a three-year period.

Why is it important

This plan is important to coordinate the efforts of all fifty-eight (58) active and proposed plans affecting community safety, training, equipping, and exercising. It will provide fifty-five (55) districts and five (5) community partners space to plan their own preparedness efforts if they choose to participate.

Moreover, this plan provides the Board of County Commissioners with the recommendation of its signatory parties (Emergency Management, PIO, HSEMC, LEPC, Sheriff, Public Health, and Fire Defense Board) on what our preparedness priorities should be for the next three years. The Board can weigh the group's recommendations against other priorities and provide Emergency Management with definitive, informed guidance.

Top 5 Priorities

The group has selected five preparedness priorities as lines of effort to focus on throughout the life of the plan. They are discussed in detail later in the plan, but are summarized as such in priority order:

1. **Operational Coordination:** The plan will better integrate non-public-safety resources such as public works, utilities, and community-based organizations into public safety operations.
2. **Operational Communication:** The plan will better integrate all resources by establishing better lines of communication and methods of sharing information throughout the community ranging from nonprofit organizations to cities, county departments, and first responders.
3. **Planning:** The plan will better integrate and coordinate existing and future public safety plans.
4. **Public Information and Warning:** The plan will establish a standard of communication in various scenarios and spread best practices to make public safety agencies more effective.
5. **Mass Care:** This plan will coordinate efforts to provide mass care and shelter support to people, pets, and livestock.

Schedule

The Multi-Year Schedule of Preparedness Activities breaks down what will be done to better improve the planning, organizing, equipping, training, and exercising for each priority by quarter for the next three years.

What does it mean for the Department of Emergency Management?

Once the Board has provided its guidance and approval, this will be the blueprint for the next three years of work.

What does it mean for other departments?

This plan will provide other departments the opportunity to:

- Access the guidance given by the Board to Emergency Management and all departments
- Plan in parallel with larger county efforts
- Visibility of upcoming training and exercises
- Provide additional support for grant applications for dual-use items

PURPOSE

The Columbia County Integrated Preparedness Plan (IPP) contains preparedness priorities and outlines steps designed to build and sustain capabilities while tailoring them to the County's unique needs. The plan provides the County and the County's Department of Emergency Management with direction, accountability, and coordination. The plan's priorities encompass goals and objectives that rest primarily with the county and key partner agencies. The plan also includes collaborative steps that recognize shared responsibility to prepare, protect, support, and assist local governments and the whole community. Additionally, the IPP provides an opportunity for the Board of County Commissioners to shape the Department's direction for the next three years.

This IPP lays out Columbia County's threats, hazards, and risks along with internal and external factors that influence the preparedness priorities for three years after adoption by the Board of County Commissioners. The preparedness priorities, corresponding capabilities, and rationale are included in the IPP with multiyear calendars outlining all preparedness activities.

The Department of Emergency Management (DEM) is the proponent of the IPP. All County departments should adhere to the IPP. All stakeholders wishing to contribute to preparedness efforts in the County are encouraged to adhere to the IPP.

The Sheriff, the Local Emergency Planning Committee, the Homeland Security and Emergency Management Commission, the Fire Defense Board, and the Departments of Public Health and Public Works have provided perspective and input. The stakeholders included in this iteration of the IPP have intentionally been kept to critical personnel to expedite the process and provide basic direction. In the future, planning will include a wider group of stakeholders.

This document fulfills section 2(f) of the intergovernmental agreement of the Homeland Security and Emergency Management Commission directing the County to prepare a strategic planning document with defined deliverables.

CONCEPTS

The IPP is designed to be a living document that will be updated to inform the continuous improvement of our community’s ability to build, sustain and deliver capabilities. An annual update will provide a rough outline for three years hence. Every third year DEM will host a full Integrated Preparedness Planning Workshop to update preparedness priorities (e.g., Operational Coordination, Mass Care Services, etc.).

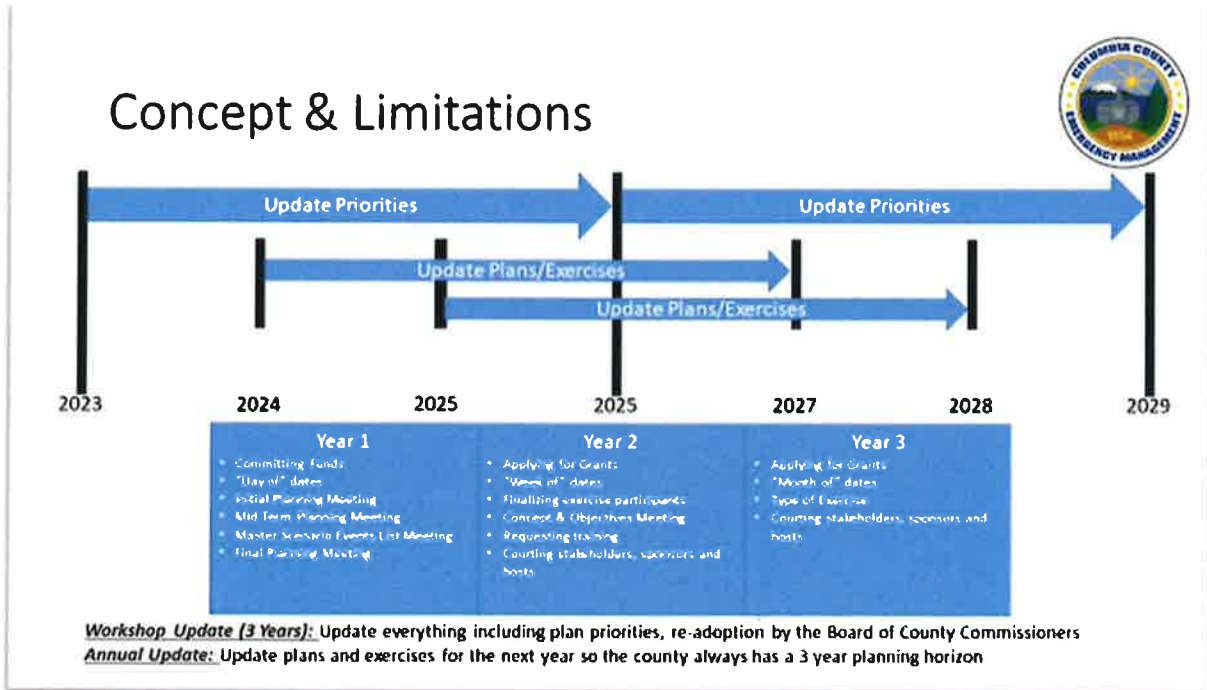


Figure 1 - Concepts & Limitations Timeline

The DEM shall provide an updated version of the IPP for approval by the Board of Commissioners every third year after the workshop has convened and made its recommendation. The review schedule for the IPP may be altered at the Director’s discretion.

Planning

The planning efforts contained within this document could easily outgrow their allotted timeframe due to the needs of the community and the complexity of the tasks. Unfortunately, given current resources, staff time available, and the needs of the public, plans must be limited to the assigned time. A plan completed within the allotted timeframe of one quarter is much better than no plan.

Planning efforts begin with an Emergency Operations Plan (EOP) review. The EOP shall serve as the baseline document connecting all emergency response plans in the county. The EOP

will be rooted in existing, but unwritten, practices of operational coordination and operational communication. Existing coordination and communication facilitate response as plans evolve, and support efforts where no plans currently exist such as recovery or mass care.

Next, an EOP functional annex detailing the roles and responsibilities of the Emergency Operations Center (EOC) shall be written. This document will serve the dual purpose of giving the County detailed guidance about how to activate, operate and deactivate the EOC as well as providing our local jurisdictions with a model that they can easily adapt for their own purposes. Only after this foundation is laid can more detailed hazard and functional plans be composed. Without the foundation of the EOP and the EOC functional annex, plans will not have a basis or a function for implementation and activation. Additionally, the basis provided by these two plans will begin to solve the issue of emergency response plans not acknowledging or building off each other.

Exercises, the availability of grant funding, and other nuances will be a factor in the timing of a plan's draft or review.

Special attention should be given to the users of all emergency response plans. The target audience should be the fire battalion chief, police chiefs, city administrators, and public works field supervisor that will be making the first decision to engage a larger response. If required, emergency response plans can have large, detailed volumes, but they must be accompanied by smaller easy to understand field guides. These field guides should include thresholds for activation, best practices, and if-this-then-that decision support guides.

Organizing

As plans in the County continue to develop all efforts should be made to formalize relationships in memorandums of understanding and agreement.

Equipping

During this initial iteration of the IPP, all efforts should be made to catalog and categorize equipment already available to County stakeholders. If stakeholders decide additional equipment is required, it will likely require grant funding from State or Federal programs.

Training

Training should be conducted in accordance with this plan and the current Department of Emergency Management Emergency Operations Center Training Guidance policy. This plan recommends numerous free online self-paced courses as well as in-person training. The availability of in-person training will be limited by location and funding. When opportunities arise, they should be widely distributed for the community to take advantage of. All stakeholders are encouraged to join training whenever practicable.

Exercising

Exercises are outlined later in this plan and should be designed to thoughtfully test all public servants and community stakeholders. At least one exercise annually should be functional

or full-scale in scope. Exercises are not complete until their corrective action plan, along with improvements for the recently tested EOP annex or other documents, are finalized and adopted by exercise participants.

Limitations

This plan is ambitious. It may need to be scaled back once its goals meet the reality and constraints of staff and stakeholder time, increased response needs, limited resources, and an expanding mission set.

If a plan, training, or exercise cannot be completed an email notification will be made to the parties in the Reporting section.

PREPAREDNESS ACTIVITY CONSIDERATIONS

Many existing plans serve Columbia County, but many do not build from, interoperate, coordinate, or acknowledge each other. That is why DEM has selected Operational Coordination, Planning, and Operational Communication as preparedness priorities. Maturing and coordinating various Public Information and Warning efforts throughout the County leads to the next priority. Finally, Mass Care operations in 2021 at the County Fair Grounds in support of events outside the county have made clear the need for increased planning efforts for this function.

The IPP seeks to coordinate and integrate fifty-five (55) known districts (annex A), five (5) key partners (annex A), and fifty-eight (58) proposed or current plans (annex B) affecting the County throughout the lifecycle of a disaster from the established base of knowledge with informational studies, through prevention, protection, mitigation, response, and recovery plans. The Emergency Operations Plan shall be the base plan for all emergency response operations within the County or pertinent to its agencies.

Threats, Hazards, and Risks

The Hazard Analysis Matrix (Figure 3 - Columbia County's OEM Hazard Analysis Worksheet) is submitted annually by DEM to the Oregon Office of Emergency Management to maintain compliance with the National Incident Management System (NIMS). The intention of using this worksheet here is to increase community participation. It roughly quantifies all potential hazards that face the community, according to the OEM Hazard Analysis Methodology of 2021¹ (Figure 2 - Oregon OEM Hazard Scoring), culminating in a score at the far right of Figure 3. The higher the number the greater the hazard facing the community. The below scoring guidance was provided by OEM:

Oregon OEM Hazard Scoring				
Points	History	Vulnerability	Maximum Threat	Probability
Low (1-3 points)	0-1 event in the past 100 years	< 1% affected	< 5% affected	1 incident likely within 75-100 years
Medium (4-7 points)	2-3 events in the past 100 years	1-10% affected	5-25% affected	1 incident likely within 25-75 years
High (8-10 points)	4+ events in the past 100 years	> 10% affected	> 25% affected	1 incident likely within 10-35 years

Figure 2 - Oregon OEM Hazard Scoring

This methodology accounts for the history of such events in the community, the community's vulnerability, the maximum potential threat, and the probability of occurrence. With this system, the currently assessed most dangerous events are a public health emergency (240 points); windstorms and winter storms (225 points); extreme heat events, riverine flooding, and a communications system failure (220 points); power failure (215 points); landslides and drought (205 points); and hazmat release – fixed facility (195 points).

¹ https://www.oregon.gov/oem/Documents/oem_hazard_analysis_methodology_june_2021.pdf

Columbia County's OEM Hazard Analysis Worksheet 2021														
		History			Vulnerability			Maximum Threat			Probability			
Threat Event/Hazard		Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Severity	Weight Factor	Subtotal	Total Threat Score
Natural Hazards	*Coastal Erosion	2	2	4	1	5	5	3	10	30	1	7	7	46
	Dust Storm	2	2	4	1	5	5	3	10	30	2	7	14	53
	Drought	3	2	6	8	5	40	10	10	100	8	7	56	202
	Earthquake - Cascadia (3-5min)	1	2	2	10	5	50	10	10	100	1	7	7	159
	Earthquake - Crustal (1 min)	1	2	2	7	5	35	8	10	80	1	7	7	124
	Extreme Heat Event	5	2	10	8	5	40	10	10	100	10	7	70	220
	Flood - Riverine	10	2	20	8	5	40	9	10	90	10	7	70	220
	*Flood - Tidal	2	2	4	4	5	20	4	10	40	8	7	56	120
	Landslide/Debris Flow	10	2	20	7	5	35	8	10	80	10	7	70	205
	*Local Tsunami	1	2	2	4	5	20	5	10	50	1	7	7	79
	*Distant Tsunami	1	2	2	1	5	5	1	10	10	1	7	7	24
	Volcano	1	2	2	10	5	50	10	10	100	1	7	7	159
	Wildfire (WUI)	3	2	6	4	5	20	10	10	100	8	7	56	182
	Windstorm	5	2	10	9	5	45	10	10	100	10	7	70	225
Winter Storm	5	2	10	9	5	45	10	10	100	10	7	70	225	
Terrorism	Truck Bomb	1	2	2	1	5	5	1	10	10	1	7	7	24
	Mail/Package Bomb	1	2	2	1	5	5	1	10	10	1	7	7	24
	Suicide Bomb	1	2	2	1	5	5	1	10	10	1	7	7	24
	Improvised Explosive Device (e.g., pipe bomb)	1	2	2	1	5	5	1	10	10	1	7	7	24
	Active Shooter	2	2	4	3	5	15	3	10	30	8	7	56	105
	Intentional Biological Agent Release	1	2	2	1	5	5	1	10	10	1	7	7	24
	Intentional Radiological Material Release	1	2	2	1	5	5	1	10	10	1	7	7	24
	Intentional Chemical Release	1	2	2	4	5	20	8	10	80	1	7	7	109
	Cyber terrorism	3	2	6	5	5	25	10	10	100	1	7	7	138

Technological	Animal / Eco-terrorism	1	2	2	1	5	5	10	10	100	1	7	7	114
	Power Failure	10	2	20	5	5	25	10	10	100	10	7	70	215
	Water Supply Disruption	1	2	2	5	5	25	10	10	100	4	7	28	155
	Communications System Failure	5	2	10	8	5	40	10	10	100	10	7	70	220
	Sewer Treatment Failure	1	2	2	8	5	40	10	10	100	2	7	14	156
	Fuel Line Explosion	1	2	2	1	5	5	1	10	10	1	7	7	24
	Dam Failure	1	2	2	8	5	40	8	10	80	1	7	7	129
	Airplane Crash	1	2	2	1	5	5	1	10	10	1	7	7	24
	Train Derailment	1	2	2	3	5	15	5	10	50	2	7	14	81
	Liquid Fuel Supply Disruption	4	2	8	8	5	40	6	10	60	3	7	21	129
	Information Technology Disruption	3	2	6	8	5	40	10	10	100	4	7	28	174
	Fire - Large Scale Urban Conflagration	1	2	2	6	5	30	10	10	100	4	7	28	160
	Hazmat Release - Transportation	3	2	6	3	5	15	4	10	40	6	7	42	103
	Hazmat Release - Fixed Facility	10	2	20	5	5	25	8	10	80	10	7	70	195
Human	Public Health Emergency	10	2	20	10	5	50	10	10	100	10	7	70	240
	Sports/Public Event Disturbance	2	2	4	1	5	5	1	10	10	1	7	7	26
	School violence	1	2	2	2	5	10	1	10	10	1	7	7	29
	Sabotage	1	2	2	1	5	5	1	10	10	1	7	7	24
	Riot	1	2	2	1	5	5	1	10	10	1	7	7	24
	Civil Disturbance / Protest / Demonstration	2	2	4	1	5	5	1	10	10	3	7	21	40

Figure 3 - Columbia County's OEM Hazard Analysis Worksheet

The term "Public Health Emergency" in this chart is an overly broad term that could encompass anything from COVID-19 to measles, to food poisoning. Emergency Management and our Public Health colleagues believe that OEM should refine this terminology.

Capability Assessments, Corrective Actions, and Improvement Plans

This document is informed by utilizing the 2020 Threat and Hazard Identification and Risk Assessment (THIRA) and Stakeholder Preparedness Review (SPR) submitted to the Regional Disaster Preparedness Organization.

The Lower Columbia Blizzard Exercise after-action review Improvement Plan identified the following capabilities for improvement:

- Planning
- Operational Coordination
- Infrastructure Systems
- Supply Chain Logistics

External Sources and Requirements

The state and federal governments have several grant programs that provide resources for the County, including:

- Urban Area Security Initiative (UASI) grant administered by the Regional Disaster Preparedness Organization (RDPO)
- State Preparedness and Incident Response Equipment (SPIRE) grant
- Hazard Mitigation Assistance (HMA) grant
- Homeland Security Grant Program (HSGP) and
- Emergency Management Performance Grant (EMPG)

The County also coordinated dozens of special districts located within its borders that may require coordination to complete preparedness efforts.

Accreditation Standards and Regulations

DEM will adhere to the Standing Strategic Framework as presented to the Board of County Commissioners in March 2022. The Framework outlines specific professional standards and practices DEM will be held to.

In all plans, policies, procedures, guidelines, and documents DEM shall adhere to the National Incident Management System (NIMS) and all other pertinent federal and state regulations and standards.

Below is a list of pertinent local, state, and federal statutes, regulations, and orders:

Proponent	Designation	Title
Columbia County	Order 35-99	In the Matter of Separating the Department of General Services and Emergency Management, 1999
	Order 4-99	In the Matter of the Establishment of Internal Priorities during Times of Emergency, 1999
	Ordinance No. 2008-02, amended by No. 2013-03	In the Matter of Adopting an Ordinance Establishing the Homeland Security Emergency Management Commission, 2008

	Ordinance No. 2015-2	In the Matter of Adopting Local Public Contract Rules, creating a Local Contract Review Board, Exempting Certain Classes of Contracts, and Adopting Rules of Procedures for Public Contracting
	Ordinance No. 2017-1	In the Matter of Amending Local Public Contracting Rules (2015-2) and Personal Services Contracting Rules Related to Federal Grant Compliance
	Ordinance No. 2020-3	In the Matter of Establishing the Columbia County Medical Reserve Corps Unit
	Order 73-2021	In the Matter of Adopting a Policy for the Columbia County Department of Emergency Management's use of Emergency Alert and Warning Systems
	Emergency Management Policy	Emergency Operations Center Training Guidance presented to Department Directors 6/7/22
	Emergency Management Policy	Standing Strategic Framework as presented to the Board of County Commissioners on 3/23/22
State of Oregon	OAR 104-010-0005	Participation of local Governments in the Emergency Management Assistant Program of FEMA
	ORS 131	Procedures in Criminal Matters Generally
	ORS 192	Record Management
	ORS 279B.080	Emergency Procurements
	ORS 294.481	Authorization to Receive Grants or Borrow or Expend Moneys to Respond to Public Emergency
	ORS 401	Emergency Management and Services
	ORS 402	Emergency Mutual Assistance Agreements
	ORS 403	Public Communications Systems
	ORS 404	Search and Rescue
	ORS 431	Administration of Health Laws
	ORS 433	Public Health and Safety
	ORS 476	Protection from Fire (Conflagration Act)
	ORS 478	Rural Fire Protection Districts
ORS 477	Fire Protection of Forests and Vegetation	
Federal	42 USC 7701	Earthquake Hazard Reduction Act
	EO 12472	Assignment of National Security and Emergency Preparedness Telecommunications Functions of 4/3/1984
	EO 12656	Assignment of Emergency Preparedness Responsibilities of 11/18/1988
	EO 13347	Individuals with Disabilities in Emergency Preparedness, 2004
	HSPD-5	Homeland Security Presidential Directive 5: Management of Domestic Incidents
	HSPD-7	Homeland Security Presidential Directive 7: Critical Infrastructure Identification, Prioritization, and Protection
	PL 100-707	Robert T Stafford Disaster Relief and Emergency Assistance Act
	PL 107-296	Homeland Security Act of 2002
PL 109-295	The Post-Katrina Emergency Management Reform Act of 2007	

PL 109-308	Pet Evacuation and Transportation Standards Act of 2006
PL 81-950 as amended	Federal Civil Defense Act
PL 93-288 as amended	The Disaster Relief Act of 1974
PL 99-499 as amended	Title III Superfund Amendments and Reauthorization Act of 1986, Emergency Planning and Community Right to Know Act
PPD-8	Presidential Policy Directive 8: National Preparedness
TCFR, Title 44	Emergency Management Assistance

Figure 4 - Pertinent Ordinances, Laws, and Regulations

PREPAREDNESS PRIORITIES

Based on the above-mentioned considerations, Columbia County DEM determined the IPP will follow the below priorities for the term of this plan.

Columbia County Preparedness Priorities CY 2021-2022
1. Operational Coordination – Improve the Operational Coordination of Columbia County’s public safety community, public administration, and other community stakeholders.
2. Operational Communication – Improve Operational Communication between all emergency response stakeholders.
3. Planning – Revise the Emergency Operations Plan to provide a solid foundation for all other emergency response planning efforts.
4. Public Information and Warning – Integrate and coordinate public information and warning procedures throughout the County.
5. Mass Care – Compose a functional annex to the Emergency Operations Plan guiding Mass Care and Shelter efforts.

Figure 5 - Preparedness Priorities

Priority 1: Operational Coordination – Improve Operational Coordination of Columbia County’s public safety community, public administration, and other community stakeholders.

Columbia County has many public safety, public administration, private business, nonprofit, and volunteer stakeholders contributing to efforts to keep the community safe. Improving operational coordination within the community will prevent duplication of effort, increase understanding of organizational responsibilities and capabilities, and provide the public with more efficient services. Efficiency is critical, as all resources are at a premium.

Corresponding Capabilities:

- Operational Communication
- Planning
- Situational Assessment
- Mass Care Services
- Fire Management and Suppression

Rationale:

As one of FEMA’s three Core Capabilities that spans all mission areas (protection, prevention, mitigation, response, and recovery), improving Operational Coordination will have an outsized impact on the public safety community in Columbia County. With increased Operational Coordination efforts are focused, not duplicated, and emergency operations will be streamlined.

Planning Factors:

- Stakeholders have a variety of staffing levels that can afford them varying levels of staff to plan.
- Stakeholders have plans that may not be interoperable, or even acknowledge each other
- Stakeholders do not have a common platform for synchronizing planning.

Organization and Equipment Factors:

- Stakeholders are spread throughout a wide variety of public and private organizations, each with its own responsibilities, constituents, and boards.
- Stakeholders do not have a common platform for sharing information.
- Stakeholders have limited financial resources.

Supporting Training Courses:

FEMA offers a full line of free, self-paced independent study courses available online. Courses range from thirty minutes to several hours and can be completed in multiple sittings at the students’ convenience.

Free Planned Courses:

- FEMA Independent Study 5: Introduction to Hazardous Materials
- FEMA Independent Study 100: Introduction to the Incident Command System
- FEMA Independent Study 200: Basic Incident Command System for Initial Response
- FEMA Independent Study 271: Anticipating Hazardous Weather & Community Risk
- FEMA Independent Study 325: Earthquake Basics: Science, Risk, and Mitigation
- FEMA Independent Study 360: Preparing for Mass Casualty Incidents: A Guide for Schools, Higher Education, and Houses of Worship
- FEMA Independent Study 405: Overview of Mass Care/Emergency Assistance
- FEMA Independent Study 558: Public Works and Disaster Recovery
- FEMA Independent Study 559: Local Damage Assessment
- FEMA Independent Study 632: Introduction to Debris Operations
- FEMA Independent Study 700: Introduction to the National Incident Management System
- FEMA Independent Study 800: Introduction to the National Response Framework
- FEMA Independent Study 904: Active Shooter Prevention
- FEMA Independent Study 907: Active Shooter What Can You Do
- FEMA Independent Study 2200: Basic Emergency Operations Center Functions
- FEMA Independent Study 2900: National Disaster Recovery Framework Overview

In-Person Courses to take when available:

- FEMA ICS 300 Intermediate ICS for Expanding Incidents
- FEMA ICS 400 Advanced ICS Command and General Staff for Complex Incidents
- FEMA L950: All-Hazards Position Specific Incident Commander
- FEMA L958: All-Hazards Position Specific Operations Section Chief
- FEMA L962: All-Hazards Position Specific Planning Section Chief
- FEMA L967: All-Hazards Position Specific Logistics Section Chief
- FEMA L973: All-Hazards Position Specific Finance & Administration Section Chief
- FEMA G191: Incident Command System/Emergency Operations Center Interface
- FEMA L2300: Intermediate Emergency Operations Center Functions
- FEMA K146: Homeland Security Exercise and Evaluation Program (HSEEP)

Supporting Exercises:

- Seminar: Emergency Operations Plan
- Seminar: Emergency Operations Plan Functional Annex: Emergency Operations Center
- Functional: Cascadia Earthquake
- Tabletop: Active Shooter
- Tabletop: Extreme Heat
- Tabletop: HAZMAT
- Functional: Flooding
- Functional: EOC Communications
- Tabletop: Debris Management
- Full Scale: Local Assistance Center

Priority 2: Operational Communication – Improve Operational Communication to increase joint-ness in emergency response efforts

Systems for gathering, analyzing, and sharing information need to mature to ensure the County is using the most of its limited resources. Inter-organizational information systems for both digital (email, MS teams) and degraded analog (radios, paper) environments do not exist to rapidly pass information. Although the public safety community benefits from a common dispatching service for all police, fire, and medical calls; currently non-first responders have no way to easily gain situational awareness or provide support.

Corresponding Capabilities:

- Intelligence and Information Sharing
- Mass Care Services
- Public Health, Healthcare, and Emergency Medical Services
- Situation Assessment
- Mass Care Services
- Fire Management and Suppression

Rationale:

Improved Operational Communication can assist the county in most effectively using the limited resources on hand for the public's benefit. Improving this will have an outsized impact on the public safety community in Columbia County.

Planning Factors:

- Public safety dispatch radio communications are managed by an independent special district
- Stakeholders have a variety of staffing levels that can afford them varying levels of staff to plan.
- Stakeholders have plans that may not be interoperable, or even acknowledge each other
- Stakeholders do not have a common platform for synchronizing planning.

Organization and Equipment Factors:

- Stakeholders are spread throughout a wide variety of public and private organizations, each with its own responsibilities, constituents, and boards.
- Stakeholders do not have a common platform for sharing information.
- Stakeholders have limited financial resources.

Supporting Training Courses:

Free Planned Courses:

- FEMA Independent Study 5: Introduction to Hazardous Materials
- FEMA Independent Study 100: Introduction to the Incident Command System
- FEMA Independent Study 200: Basic Incident Command System for Initial Response

- FEMA Independent Study 271: Anticipating Hazardous Weather & Community Risk
- FEMA Independent Study 325: Earthquake Basics: Science, Risk, and Mitigation
- FEMA Independent Study 360: Preparing for Mass Casualty Incidents: A Guide for Schools, Higher Education, and Houses of Worship
- FEMA Independent Study 405: Overview of Mass Care/Emergency Assistance
- FEMA Independent Study 558: Public Works and Disaster Recovery
- FEMA Independent Study 559: Local Damage Assessment
- FEMA Independent Study 632: Introduction to Debris Operations
- FEMA Independent Study 700: Introduction to the National Incident Management System
- FEMA Independent Study 800: Introduction to the National Response Framework
- FEMA Independent Study 904: Active Shooter Prevention
- FEMA Independent Study 907: Active Shooter What Can You Do
- FEMA Independent Study 2200: Basic Emergency Operations Center Functions
- FEMA Independent Study 2900: National Disaster Recovery Framework Overview

In-Person Courses to take when available:

- FEMA ICS 300 Intermediate ICS for Expanding Incidents
- FEMA ICS 400 Advanced ICS Command and General Staff for Complex Incidents
- FEMA L950: All-Hazards Position Specific Incident Commander
- FEMA L958: All-Hazards Position Specific Operations Section Chief
- FEMA L962: All-Hazards Position Specific Planning Section Chief
- FEMA L967: All-Hazards Position Specific Logistics Section Chief
- FEMA L973: All-Hazards Position Specific Finance & Administration Section Chief
- FEMA G191: Incident Command System/Emergency Operations Center Interface
- FEMA L2300: Intermediate Emergency Operations Center Functions
- FEMA K146: Homeland Security Exercise and Evaluation Program (HSEEP)

Supporting Exercises:

- Seminar: Emergency Operations Plan
- Seminar: Emergency Operations Plan Functional Annex: Emergency Operations Center
- Functional: Cascadia Earthquake
- Tabletop: Active Shooter
- Tabletop: Extreme Heat
- Tabletop: HAZMAT
- Functional: Flooding
- Functional: EOC Communications
- Tabletop: Debris Management
- Full Scale: Local Assistance Center

Priority 3: Planning – Revise the Emergency Operations Plan to provide a solid foundation for all other planning efforts

Planning efforts throughout the County have never been holistically coordinated or synchronized. Effective planning will streamline efforts throughout the County.

Corresponding Capabilities:

- Public Information and Warning
- Operational Coordination
- Operational Communication
- Intelligence and Information Sharing
- Fire Management and Suppression
- Mass Care Services

Rationale:

As one of FEMA's three core capabilities spanning all five mission areas, improved planning will maximize the benefit to the public safety community and the services they provide to the public. As displayed in the Preparedness Activities Section of this document, there are varieties of plans pertaining to public safety. Few, if any of them, acknowledge each other, build from one to another, or have sustained a review schedule to maintain pertinence. Focusing on planning will assist in focusing limited planning resources on the highest threats, amending or sunsetting other efforts.

Planning Factors:

- This is the first plan to integrate all public safety plans.
- Stakeholders are spread throughout a wide variety of public and private organizations, each with its own responsibilities, constituents, and boards.

Organization and Equipment Factors:

- Stakeholders are spread throughout a wide variety of public and private organizations, each with its own responsibilities, constituents, and boards.
- Stakeholders do not have a common planning platform before this document.
- Stakeholders have limited financial resources.

Supporting Training Courses:

Free Planned Courses:

- FEMA Independent Study 5: Introduction to Hazardous Materials
- FEMA Independent Study 158: Hazard Mitigation Flood Insurance in Disaster Operations
- FEMA Independent Study 162: Hazard Mitigation Floodplain Management in Disaster Operations
- FEMA Independent Study 322: Flood Mitigation Basics for Mitigation Staff
- FEMA Independent Study 323: Earthquake Mitigation Basics for Mitigation Staff

- FEMA Independent Study 325: Earthquake Basics: Science, Risk, and Mitigation
- FEMA Independent Study 360: Preparing for Mass Casualty Incidents: A Guide for Schools, Higher Education, and Houses of Worship
- FEMA Independent Study 405: Overview of Mass Care/Emergency Assistance
- FEMA Independent Study 558: Public Works and Disaster Recovery
- FEMA Independent Study 559: Local Damage Assessment
- FEMA Independent Study 632: Introduction to Debris Operations
- FEMA Independent Study 633: Debris Management Plan Development
- FEMA Independent Study 904: Active Shooter Prevention
- FEMA Independent Study 907: Active Shooter What Can You Do
- FEMA Independent Study 1112: Introduction to Flood Claims
- FEMA Independent Study 2900: National Disaster Recovery Framework Overview

In-Person Courses to take when available:

- FEMA K146: Homeland Security Exercise and Evaluation Program (HSEEP)

Supporting Exercises:

- Seminar: Emergency Operations Plan
- Seminar: Emergency Operations Plan Functional Annex: Emergency Operations Center
- Functional: Cascadia Earthquake
- Tabletop: Active Shooter
- Tabletop: Extreme Heat
- Tabletop: HAZMAT
- Functional: Flooding
- Functional: EOC Communications
- Tabletop: Debris Management
- Full Scale: Local Assistance Center

Priority 4: Public Information and Warning – Integrate and coordinate public information and warning procedures throughout the County.

Public safety Public Information and Warning efforts throughout the County have never been holistically coordinated or synchronized. Coordinating efforts across districts, purposes and platforms will better inform the public to take appropriate action for their own safety.

Corresponding Capabilities:

- Operational Coordination
- Operational Communication
- Community Resilience
- Fire Management and Suppression
- Mass Care Services

Rationale:

Countywide efforts to coordinate Public Information and Warning have yet to mature into a plan or system that is widely recognized. With a more mature Public Information and Warning program, the public will be better informed and engaged in their own preparedness and take appropriate actions when needed.

Planning Factors:

- Columbia Alert Network (CAN) has a limited number of opt-in clients
- Emergency messaging methods and technologies will never reach all of their intended audience.
- Social Media use and policies vary among stakeholder organizations.

Organization and Equipment Factors:

- Stakeholders are spread throughout a wide variety of public and private organizations, each with its own responsibilities, constituents, and boards.
- Stakeholders do not have a common planning platform before this document.
- Stakeholders have limited financial resources.

Supporting Training Courses:

Free Planned Courses:

- FEMA Independent Study 5: Introduction to Hazardous Materials
- FEMA Independent Study 29: Public Information Officer Awareness
- FEMA Independent Study 100: Introduction to the Incident Command System
- FEMA Independent Study 200: Basic Incident Command System for Initial Response
- FEMA Independent Study 271: Anticipating Hazardous Weather & Community Risk
- FEMA Independent Study 325: Earthquake Basics: Science, Risk, and Mitigation
- FEMA Independent Study 360: Preparing for Mass Casualty Incidents: A Guide for Schools, Higher Education, and Houses of Worship

- FEMA Independent Study 405: Overview of Mass Care/Emergency Assistance
- FEMA Independent Study 558: Public Works and Disaster Recovery
- FEMA Independent Study 559: Local Damage Assessment
- FEMA Independent Study 632: Introduction to Debris Operations
- FEMA Independent Study 700: Introduction to the National Incident Management System
- FEMA Independent Study 800: Introduction to the National Response Framework
- FEMA Independent Study 904: Active Shooter Prevention
- FEMA Independent Study 907: Active Shooter What Can You Do
- FEMA Independent Study 2200: Basic Emergency Operations Center Functions
- FEMA Independent Study 2900: National Disaster Recovery Framework Overview

In-Person Courses to take when available:

- FEMA ICS 300 Intermediate ICS for Expanding Incidents
- FEMA ICS 400 Advanced ICS Command and General Staff for Complex Incidents
- FEMA L105: Public Information Officer Basics
- FEMA L388: Advanced Public Information Officer
- FEMA K146: Homeland Security Exercise and Evaluation Program (HSEEP)

Supporting Exercises:

- Seminar: Emergency Operations Plan
- Seminar: Emergency Operations Plan Functional Annex: Emergency Operations Center
- Functional: Cascadia Earthquake
- Tabletop: Active Shooter
- Tabletop: Extreme Heat
- Tabletop: HAZMAT
- Functional: Flooding
- Functional: EOC Communications
- Tabletop: Debris Management
- Full Scale: Local Assistance Center

Priority 5: Mass Care – Compose a functional annex to the Emergency Operations Plan guiding Mass Care and Shelter efforts

The wildfire season of 2021 has already required the County to coordinate Mass Care and Shelter operations. Mass care operations would serve a variety of hazards that could potentially affect Columbia County.

Corresponding Capabilities:

- Operational Coordination
- Fire Management and Suppression
- Environmental Response/Health and Safety
- Housing
- Health and Social Services

Rationale:

Mass Care Services are essential services that can be applied against many hazards including wildfires, earthquakes, hazardous materials releases, extreme heat, extreme cold, and poor air quality. The incident does not need to be within the County as the 2021 wildfire season demonstrated when the County Fair Grounds opened as a shelter.

Planning Factors:

- Experiences from the 2021 wildfire season utilizing a shelter at the County Fair Grounds.
- Stakeholders have a variety of staffing levels that can afford them varying levels of staff to plan.

Organization and Equipment Factors:

- Stakeholders are spread throughout a wide variety of public and private organizations, each with its own responsibilities, constituents, and boards.
- Stakeholders do not have a common planning platform before this document.
- Stakeholders have limited financial resources.

Supporting Training Courses:

Free Planned Courses:

- FEMA Independent Study 11: Animals in Disasters: Community Planning
- FEMA Independent Study 100: Introduction to the Incident Command System
- FEMA Independent Study 200: Basic Incident Command System for Initial Response
- FEMA Independent Study 271: Anticipating Hazardous Weather & Community Risk
- FEMA Independent Study 325: Earthquake Basics: Science, Risk, and Mitigation
- FEMA Independent Study 360: Preparing for Mass Casualty Incidents: A Guide for Schools, Higher Education, and Houses of Worship
- FEMA Independent Study 405: Overview of Mass Care/Emergency Assistance

- FEMA Independent Study 700: Introduction to the National Incident Management System
- FEMA Independent Study 800: Introduction to the National Response Framework
- FEMA Independent Study 2200: Basic Emergency Operations Center Functions
- FEMA Independent Study 2900: National Disaster Recovery Framework Overview

In-Person Courses to take when available:

- FEMA ICS 300 Intermediate ICS for Expanding Incidents
- FEMA ICS 400 Advanced ICS Command and General Staff for Complex Incidents
- FEMA L950: All-Hazards Position Specific Incident Commander
- FEMA L958: All-Hazards Position Specific Operations Section Chief
- FEMA L962: All-Hazards Position Specific Planning Section Chief
- FEMA L967: All-Hazards Position Specific Logistics Section Chief
- FEMA L973: All-Hazards Position Specific Finance & Administration Section Chief
- FEMA G191: Incident Command System/Emergency Operations Center Interface
- FEMA L2300: Intermediate Emergency Operations Center Functions
- FEMA K146: Homeland Security Exercise and Evaluation Program (HSEEP)

Supporting Exercises:

- Seminar: Emergency Operations Plan
- Seminar: Emergency Operations Plan Functional Annex: Emergency Operations Center
- Functional: Cascadia Earthquake
- Tabletop: Active Shooter
- Tabletop: Extreme Heat
- Tabletop: HAZMAT
- Functional: Flooding
- Functional: EOC Communications
- Tabletop: Debris Management
- Full Scale: Local Assistance Center

PROGRAM REPORTING

By continuously monitoring improvement actions, jurisdictions/organizations can periodically examine capabilities to ensure they are sufficient, accurate, and effective to handle the threats, hazards, and risks facing the jurisdiction/organization and can inform future Integrated Preparedness Cycle activities.

Columbia County will use the following actions as a part of program reporting procedures:

- Columbia County Emergency Management will maintain a Corrective Action Program, overseen by the Deputy Director. They will compile and record areas for improvement, lessons learned, and potential best practices identified from exercises and real-world incidents.
- The Corrective Action Program will be utilized to inform future plans and the Integrated Preparedness Planning Workshop.
- Identify which actions are needed to address areas for improvement using the following questions:
 - What changes need to be made to plans and procedures?
 - What changes need to be made to organizational structures?
 - What changes to equipment and resources are needed?
 - What training can be leveraged to increase knowledge?
- Align actions to capabilities to allow for the measurement of the effect on corresponding capability.
- Prioritize and assign SMART corrective actions to one primary stakeholder to the greatest extent possible.
- All corrective actions will be tracked and reported in a summary to the below agencies on an annual basis:
 - Board of County Commissioners,
 - Homeland Security and Emergency Management Commission,
 - Local Emergency Planning Commission,
 - Fire Defense Board.
 - Other signatories of this plan.

MULTI-YEAR SCHEDULE OF PREPAREDNESS ACTIVITIES

Integrated Preparedness Schedule Q4 of CY 2022 through Q4 of CY 2025

	Activity	1: Operational Coordination	2: Operational Communication	3: Planning	4: Public Information & Warning	5: Mass Care
2022 Q4	Planning	Continuity of Government Plan; County Facilities Emergency Plan; Hazardous Materials Transportation by Rail Plan; Hazardous Materials Emergency Response Plan	Continuity of Government Plan; County Facilities Emergency Plan; Hazardous Materials Transportation by Rail Plan; Hazardous Materials Emergency Response Plan	Continuity of Government Plan; County Facilities Emergency Plan; Hazardous Materials Transportation by Rail Plan; Hazardous Materials Emergency Response Plan	Hazardous Materials Transportation by Rail Plan; Hazardous Materials Emergency Response Plan	Hazardous Materials Transportation by Rail Plan; Hazardous Materials Emergency Response Plan
	Organizing					
	Equipping	EOC Information Systems	EOC Information Systems			
	Training Exercises	EOC Training Memo	EOC Training Memo	EOC Training Memo	EOC Training Memo	EOC Training Memo
2023 Q1	Planning	Emergency Operations Plan	Emergency Operations Plan	Emergency Operations Plan	Emergency Operations Plan	Emergency Operations Plan
				COOP: Board of County Commissioners		

EXHIBIT A

	Organizing	MOUs with backup facilities	Verifying Everbridge employee information			MOUs with local stakeholders for shelters
	Equipping	EOC Information Systems	EOC Information Systems			
	Training	IS-100; IS-700	IS-100; IS-700		IS-100; IS-700; IS-29	IS-100; IS-700
	Exercises	Seminar: Emergency Operations Plan	Seminar: Emergency Operations Plan	Seminar: Emergency Operations Plan	Seminar: Emergency Operations Plan	Seminar: Emergency Operations Plan
2023 Q2	Planning	EOP Functional Annex: EOC	EOP Functional Annex: EOC	EOP Functional Annex: EOC	EOP Functional Annex: EOC	EOP Functional Annex: EOC
	Organizing	MOUs with backup facilities	Verifying Everbridge employee information			MOUs with local stakeholders for shelters
	Equipping			COOP: Fairgrounds		
	Training	IS-200; IS-800; IS-2200	IS-200; IS-800; IS-2200		IS-200; IS-800; IS-2200	IS-200; IS-800; IS-2200
	Exercises	TTX: Cascadia	TTX: Cascadia	TTX: Cascadia	TTX: Cascadia	TTX: Cascadia
2023 Q3	Planning	EOP Hazard Annex: Earthquake	EOP Hazard Annex: Earthquake	EOP Hazard Annex: Earthquake	EOP Hazard Annex: Earthquake	EOP Hazard Annex: Earthquake
	Organizing Equipping			COOP: Finance & Taxation		

EXHIBIT A

	Training	ICS-300, IS-325	ICS-300, IS-325	IS-325, IS-323	ICS-300, IS-325	ICS-300, IS-325
	Exercises	Seminar: EOP Functional Annex: EOC	Seminar: EOP Functional Annex: EOC	Seminar: EOP Functional Annex: EOC	Seminar: EOP Functional Annex: EOC	Seminar: EOP Functional Annex: EOC
2023 Q4	Planning	EOP Functional Annex: Mass Care	EOP Functional Annex: Mass Care	EOP Functional Annex: Mass Care COOP: Public Health	EOP Functional Annex: Mass Care	EOP Functional Annex: Mass Care
	Organizing	MOUs with local stakeholders for shelters	MOUs with local stakeholders for shelters	MOUs with local stakeholders for shelters		MOUs with local stakeholders for shelters
	Equipping					
	Training	IS-405	IS-405	IS-405	IS-405	IS-405; IS-11
	Exercises	Tabletop: Extreme Heat Event	Tabletop: Extreme Heat Event	Tabletop: Extreme Heat Event	Tabletop: Extreme Heat Event	Tabletop: Extreme Heat Event
2024 Q1	Planning	EOC Functional Annex: Communications	EOC Functional Annex: Communications	EOC Functional Annex: Communications COOP: Community Justice & District Attorney	EOC Functional Annex: Communications	EOC Functional Annex: Communications
	Organizing					
	Equipping					
	Training	ICS-400	ICS-400		ICS-400	ICS-400
	Exercises					

EXHIBIT A

2024 Q2	Planning	EOP Hazard Annex: Flooding	EOP Hazard Annex: Flooding	EOP Hazard Annex: Flooding	EOP Hazard Annex: Flooding	EOP Hazard Annex: Flooding
	Organizing			COOP: Economic Development & Information Technology		
	Equipping					
	Training	IS-5	IS-5	IS-5	IS-5	
2024 Q3	Exercises	Tabletop: HAZMAT & Communications	Tabletop: HAZMAT & Communications	Tabletop: HAZMAT & Communications	Tabletop: HAZMAT & Communications	Tabletop: HAZMAT & Communications
	Planning	EOP Functional Annex: Active Shooter / Terrorism	EOP Functional Annex: Active Shooter / Terrorism	EOP Functional Annex: Active Shooter / Terrorism	EOP Functional Annex: Active Shooter / Terrorism	EOP Functional Annex: Active Shooter / Terrorism
	Organizing			COOP: Public Information Officer & Public Works		
	Equipping					
2024 Q4	Training			IS-158; IS-162; IS-322; IS-1112;		
	Exercises	IS-271 Functional: Flooding	IS-271 Functional: Flooding	IS-271 Functional: Flooding	IS-271 Functional: Flooding	IS-271 Functional: Flooding
	Planning			COOP: Transportation		

EXHIBIT A

	Organizing					
	Equipping	Bleeding Control Kits		Bleeding Control Kits		
	Training	IS-904; IS-907; IS-360; Stop the Bleed Training	IS-904; IS-907; IS-360; Stop the Bleed Training	IS-904; IS-907; IS-360; Stop the Bleed Training	IS-904; IS-907; IS-360; Stop the Bleed Training	IS-360
	Exercises	Tabletop: Active Shooter	Tabletop: Active Shooter	Tabletop: Active Shooter	Tabletop: Active Shooter	Tabletop: Active Shooter
2025 Q1	Planning	Recovery Plan	Recovery Plan	Recovery Plan COOP: County Counsel & County Clerk	Recovery Plan	Recovery Plan
	Organizing					
	Equipping					
	Training					
	Exercises					
2025 Q2	Planning	EOP Functional Annex: Debris Management	EOP Functional Annex: Debris Management	EOP Functional Annex: Debris Management COOP Human Resources & Sheriff's Animal Control	EOP Functional Annex: Debris Management	EOP Functional Annex: Debris Management
	Organizing					

EXHIBIT A

Integrated Preparedness Plan

	Equipping					
	Training					
	Exercises	Full Scale: Local Assistance Center	Full Scale: Local Assistance Center	Full Scale: Local Assistance Center	Full Scale: Local Assistance Center	Full Scale: Local Assistance Center
2025 Q3	Planning	Recovery Plan	Recovery Plan	Recovery Plan COOP: Sheriff	Recovery Plan	Recovery Plan
	Organizing					
	Equipping					
	Training	K0146 HSEEP; IS-632	K0146 HSEEP; IS-632	K0146 HSEEP; IS-632; IS-633	K0146 HSEEP; IS-632	
	Exercises	Tabletop: Debris Management	Tabletop: Debris Management	Tabletop: Debris Management	Tabletop: Debris Management	Tabletop: Debris Management
2025 Q4	Planning	Integrated Preparedness Plan	Integrated Preparedness Plan	Integrated Preparedness Plan COOP: Surveyor & Assessor's Office	Integrated Preparedness Plan	Integrated Preparedness Plan
	Organizing			Updating County Code to facilitate recovery		Updating County Code to facilitate recovery
	Equipping					
	Training	IS-558; IS-559; IS-2900	IS-2900	IS-558; IS-559; IS-2900	IS-558; IS-559; IS-2900	IS-2900
	Exercises					

ANNEX A – SPECIAL DISTRICTS & KEY PARTNERS

The following is a list of known districts within the County:

1. Greater St Helens Aquatic District
2. City of Clatskanie
3. City of Columbia
4. City of Prescott
5. City of Rainier
6. City of Scappoose
7. City of St Helens
8. City of Vernonia
9. Columbia 9-1-1 Communications District
10. Port of Columbia County
11. Clatskanie Rural Fire District
12. Columbia River Fire & Rescue
13. Mist-Birkenfeld Rural Fire Protection District
14. Sauvie Island Rural Fire Protection District
15. Scappoose Rural Fire Protection District
16. Vernonia Rural Fire Protection District
17. Clatskanie Library District
18. Scappoose Library District
19. Rainier Cemetery Maintenance District
20. Clatskanie Park and Recreation District
21. Northwest Regional Education Service District
22. Clatskanie School District 6J
23. Portland Community College
24. Rainier School District 13
25. Scappoose School District 1J
26. St. Helens School District 502
27. Vernonia School District 47J
28. West Oregon Electric
29. Clatskanie People's Utility District
30. Columbia River People's Utility District
31. Columbia Soil and Water Conservation District
32. Columbia Drainage Vector Control District
33. Columbia County 4-H Extension Service
34. West Multnomah Soil & Water Conservation District
35. Beaver Drainage Improvement District
36. Westland Drainage Improvement Company
37. Woodson Drainage District
38. Magruder Drainage District
39. Rainier Drainage District
40. Johns Drainage District
41. Marshland Drainage Improvement Company

42. Scappoose Drainage Improvement Company
43. Midland Drainage Improvement Company
44. Sauvie Island Drainage Improvement Company
45. Webb Drainage Improvement Company
46. Multnomah County Drainage District
47. Deer Island Drainage District
48. Clatskanie Drainage District
49. McNulty Water PUD
50. Warren Water Association
51. Western Hills Estates
52. Fishhawk Lake Reserve and Community
53. Quincy Water Association
54. Columbia County Parks – Camp Wilkerson
55. Columbia County Parks – Hudson/Parcher

Note: For planning purposes, only water districts serving two hundred (200) or more customers were added to this list. According to the Oregon Health Authority,² there are fourteen (14) such agencies in the County, of which six (6) are cities and one (1) is a school district, in total serving 35,293 citizens. The remaining eighty (80) agencies serving less than two hundred people serve a total of 3,752 citizens. Columbia County Parks are included as they are separate legal entities.

The following is a list of key partners that are not independent special districts:

1. City of Columbia Police
2. City of Rainier Police
3. City of Scappoose Police
4. City of St Helens Police
5. City of Vernonia Police

² <https://yourwater.oregon.gov/countyinventory.php?county=Columbia&actstat=A®ag=ALL&source=ALL&includeNP=y>

ANNEX B – PLAN GANTT CHART

				2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
#	Function	Name	Proponent																
1	Information Assessments	SPR - Stakeholder Preparedness Review	RDPO																
2		THIRA – Threat & Hazard Identification & Risk Assessment	RDPO																
3		Transportation Study	State Resiliency Office																
4		Lower Columbia Blizzard Exercise Improvement Plan	CC - EM																
5		COVID-19 After Action Review	CC - PH																
6		Ambulance Area Study	CC - PH																
7		Regional Multi Agency Coordination System Improvement Plan	RDPO																
Function				Name				Proponent											
8	Strategy & Coordination	Standing Strategic Framework	CC - EM									Q2							
9		Integrated Preparedness Plan	CC - EM									Q4		Q4					
Function				Name				Proponent											
10	Prevention / Protection / Mitigation	Comprehensive Plan, Part XIX Nat. Dis. & Hazards	CC - Land Dev. Services																
11		Community Wildfire Protection Plan	Several (FDB, ODP, EM)					2012-2016											
12		Natural Hazard Mitigation Plan	CC - EM									Q1							
Function				Name				Proponent											
13	Response	COG Continuity of Government	CC - EM / Counsel									Q4							
14		COOP Assessor's Office	Dep. w/EM approval											Q4					
15		COOP BOCC	Dep. w/EM approval										Q1						
16		COOP Clerk's Office	Dep. w/EM approval												Q1				
17		COOP Community Justice	Dep. w/EM approval												Q1				
18		COOP Community Justice Juvenile Div.	Dep. w/EM approval												Q1				
19		COOP Counsel	Dep. w/EM approval												Q1				
20		COOP District Attorney	Dep. w/EM approval												Q1				
21		COOP Economic Development	Dep. w/EM approval												Q2				
22		COOP Emergency Management	CC - EM										Q3						
23		COOP Fairgrounds	Dep. w/EM approval											Q2					

EXHIBIT A

Integrated Preparedness Plan

					2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	
#	Function	Name	Proponent																	
24	Response	COOP	Finance & Taxation	Dep. w/EM approval								Q3								
25		COOP	General Services	Dep. w/EM approval								Q2								
26		COOP	Human Resources	Dep. w/EM approval										Q2						
27		COOP	Information Technology	Dep. w/EM approval										Q2						
28		COOP	Land Development Services	Dep. w/EM approval									Q3							
29		COOP	Public Health	Dep. w/EM approval										Q4						
30		COOP	Public Information Officer	Dep. w/EM approval										Q3						
31		COOP	Public Works	Dep. w/EM approval										Q3						
32		COOP	Sheriff	Dep. w/EM approval											Q3					
33		COOP	Sheriff Animal Control	Dep. w/EM approval											Q2					
34		COOP	State Courts	Dep. w/EM approval																
35		COOP	Surveyor	Dep. w/EM approval											Q4					
36		COOP	Transportation	Dep. w/EM approval										Q4						
37		EOP	Emergency Operations Plan	CC - EM										Q1						
38		Functional Annex	Columbia County Highway Emergency P	Several					2008-2012											
39		Functional Annex	County Facilities Emergency Plan	CC - EM / GSD					2010-2014				Q3							
40		Functional Annex	Debris Management Plan	CC - Land Dev. Services					2008-2012						Q2					
41		Functional Annex	Communications	CC - EM										Q1						
42		Functional Annex	Emergency Operations Center	CC - EM										Q2						
43		Functional Annex	Mass Care & Sheltering	CC - PH										Q4						
44		Functional Annex	Medical Countermeasure Plan	CC - PH																
45		Hazard Specific Annex	Earthquake	CC - EM										Q3						
46		Hazard Specific Annex	Flooding	CC - EM											Q2					
47		Hazard Specific Annex	Active Shooter / Terrorism	CC - EM											Q3					
48		Hazard Specific Annex	Pandemic Flu	CC - PH																
49		Hazard Specific Annex	Hazardous Materials Emergency Respor	LEPC									Q1							
50		Hazard Specific Annex	Hazardous Materials Transportation by	LEPC									Q1							
51		Private / Partner	Dyno Nobel - Integrated Contingency Pl	Dyno Nobel																
52		Private / Partner	Emergency Fuel Plan	RDPO																
53		Private / Partner	Emergency Transportation Plan	RDPO																
54		Private / Partner	KB Pipeline Emergency Response Plan	NW Natural																
55		Private / Partner	Lewis River Dam Failure	Pacific Corps																
56		Private / Partner	Trojan ISFSI Integrated Response Plan	PGE - Trojan									Q1							
57		Private / Partner	PNRS St Helens Dialysis	Fresenius Kidney Care																
Function		Name	Proponent																	
58		Recovery	Recovery Plan	CC - EM											Q3					
Plan Valid/Organize/Equip													Plan Review							
New Plan																				