



MASS CARE & MANZANITA

Information Sharing
Concepts
Questions



The Scenario

Date: October 15, 2023

Location: Manzanita and surrounding region

Time: 1:30 am

Conditions: heavy wind and rain



The Scenario

Event:

- a massive 8.6 Cascadia subduction zone earthquake occurs two miles west of Tillamook
- the quake is only 1/2 mile deep
- resulting in a significant tsunami
- shaking continues for over six minutes
- people have less than 10 minutes to seek high ground
- the tsunami takes out 150 homes in Manzanita

The Scenario

- all power is disrupted
- aftershocks continue through the night

Daylight reveals

- hwy 101 is not passable in any direction
- water and sewer are inoperable
- over 250 homes are uninhabitable
- 400 people are assembled @ Underhill with nothing
- rain slows and sunshine rules the day



Hwy 101 South



Hwy 101 North



Tsunami Debris



First Responders?

What Happens Next?

- Who assumes responsibility for care
- What resources are available
- Where will people be safe
- Will people have food and water
- How will help arrive
- When will services be restored
- When will people be evacuated



Personal Sheltering Can be Difficult

Mass Care

What is Mass Care?

- Government Agencies (initially the City) are responsible for providing assistance to displaced/injured families following a disaster
- Refers to a wide range of support services when citizens or visitors are unable to care for their basic needs
- Disaster response begins and ends at the community level

Critical Information from OSSPAC

The Oregon Seismic Safety Policy Advisory
Committee

Answer to Oregon Emergency Management
Mass Care After Cascadia 2018

- Oregon coast faces monumental mass care challenges
- Local emergency response may be three days
- Local response may be limited for up to two weeks

Critical Information from OSSPAC

- Outside resources to coastal region may be 3 weeks
- OEM is not prepared to deal with Cascadia
- OEM staffing is inadequate to reduce vulnerability
- Stable funding is needed for core resilience efforts

Critical Information from OSSPAC

- Increasing community resilience is best solution to resolving Mass Care throughout the State
- State and local communities must rely on NGO's
- NGO's are expected to play roles in disaster response
- CERT & MRC help with disaster response



Local Life After Cascadia??

Mass Care Duties and Responsibilities

The City Supports the Following
(until outside/additional resources arrive)

- emergency assistance
- shelter
- hydration
- nourishment
- medical
- distribute emergency supplies
- reunify family members



Where the Rubber Meets the Road

Mass Care Operations

City of Manzanita will follow new EOP

Manzanita Emergency HUB - "MHUB" when fully developed and activated will:

- serve as primary resource for all emergency events
- serve the emergency needs of the City
- be the focal point of delivery of emergency services needs to residents, homeowners and visitors

Mass Care Operations

MHUB will act as EOC

- Administration
 - Logistics
 - Planning
 - Communication
 - Capabilities assessment
-
- MHUB will be limited to government personnel & volunteers as activated via ICS

Governmental Planning Support

EVCNB Offers Support Through Partnering

- advisory to the City
- community preparedness education
- information sharing
- performing detailed studies
- proof of concept and recommendations
- reviewing needs as a team
- conduit for OEM and DOGAMI

Recent DOGAMI Study

Effects of 9.2 Cascadia Event (Manzanita)

- injuries..... 101
- deaths..... 40

Expected # Displaced People (Manzanita)

- permanent..... 481
- temporary..... 4,109



First Responders



CERT

NGO Activation

Think of the Earlier Cascadia Scenario

- local governments and first responders overwhelmed
- boots on the ground needed first day
- City/ County/ can activate EVCNB for support
- EVCNB provides trained volunteers.. CERTS & MRC
- Crisis effects lessened with additional help

EVCNB Proof of Concept Process

- identify need
- research by type
- functionality
- durability
- longevity
- deployable
- storage reqs
- cost
- drill



Wall Tent

15' x 25' waterproof canvas
w/ internal metal frame

