



CITY OF
BAINBRIDGE ISLAND

**CITY COUNCIL STUDY SESSION
TUESDAY, SEPTEMBER 20, 2022**

COUNCIL CHAMBERS
280 MADISON AVENUE NORTH
BAINBRIDGE ISLAND, WA

AND

ZOOM WEBINAR
[HTTPS://BAINBRIDGEWA.ZOOM.US/J/92947338351](https://bainbridgewa.zoom.us/j/92947338351)
OR TELEPHONE: US: +1 253 215 8782
WEBINAR ID: 929 4733 8351

AGENDA

1. **CALL TO ORDER / ROLL CALL - 6:00 PM**
2. **APPROVAL OF AGENDA / CONFLICT OF INTEREST DISCLOSURE - 6:05 PM**
3. **REGULAR BUSINESS**
 - 3.A **(6:10 PM) Receive an Update on Tsunami Ready Bainbridge Island - Executive**, 30 Minutes
[Tsunami Ready Presentation CC Sept 20 2022.pdf](#)
 - 3.B **(6:40 PM) Receive Update from Bainbridge Prepares**, 30 Minutes
4. **COMMITTEE REPORTS - 7:10 PM**
5. **ADJOURNMENT - 7:20 PM**

GUIDING PRINCIPLES

Guiding Principle #1 - Preserve the special character of the Island, which includes downtown Winslow's small town atmosphere and function, historic buildings, extensive forested areas, meadows, farms, marine views and access, and scenic and winding roads supporting all forms of transportation.

Guiding Principle #2 - Manage the water resources of the Island to protect, restore and maintain their ecological and hydrological functions and to ensure clean and sufficient groundwater for future generations.

Guiding Principle #3 - Foster diversity with a holistic approach to meeting the needs of the Island and the human needs of its residents consistent with the stewardship of our finite environmental resources.

Guiding Principle #4 - Consider the costs and benefits to Island residents and property owners in making land use decisions.

Guiding Principle #5 - The use of land on the Island should be based on the principle that the Island's environmental resources are finite and must be maintained at a sustainable level.

Guiding Principle #6 - Nurture Bainbridge Island as a sustainable community by meeting the needs of the present without compromising the ability of future generations to meet their own needs.

Guiding Principle #7 - Reduce greenhouse gas emissions and increase the Island's climate resilience.

Guiding Principle #8 - Support the Island's Guiding Principles and Policies through the City's organizational and operating budget decisions.



City Council meetings are wheelchair accessible. Assisted listening devices are available in Council Chambers. If you require additional ADA accommodations, please contact the City Clerk's Office at 206-780-8604 or cityclerk@bainbridgewa.gov by noon on the day preceding the meeting.



CITY OF
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City Council Study Session Agenda Bill

MEETING DATE: September 20, 2022

ESTIMATED TIME: 30 Minutes

AGENDA ITEM: (6:10 PM) Receive an Update on Tsunami Ready Bainbridge Island - Executive,

SUMMARY: In July 2022 the Washington State Department of Natural Resources released new tsunami modeling based on a 7.5 magnitude earthquake on the Seattle Fault. While the City of Bainbridge Island has been preparing the community for all types of disasters, including earthquakes and tsunamis, this new modeling shows significant potential impact to certain areas of Bainbridge Island and that additional steps need to be taken to address these new concerns.

The City of Bainbridge Island Emergency Management Coordinator is currently reviewing the updated modeling and working on an application to receive Tsunami Ready designation by the National Oceanic Atmospheric Administration/National Weather Service. The steps necessary to receive this designation include: creating Island-specific maps of tsunami hazard zones, evacuation routes, assembly areas, and installing appropriate signage, providing ongoing tsunami public education, conducting community exercises focused on tsunami response, including tsunami hazards in the Comprehensive Emergency Management Plan (CEMP), and having redundant means for 24-hour warning and dissemination for tsunami watch, advisory, and warning alerts.

Applying for and receiving Tsunami Ready status will make Bainbridge Island the first inner-coastal city in Washington State to receive this designation.

AGENDA CATEGORY: Presentation

PROPOSED BY: Executive

RECOMMENDED MOTION: Receive update.

STRATEGIC PRIORITY:

FISCAL IMPACT:

Amount:	
Ongoing Cost:	
One-Time Cost:	
Included in Current Budget?	

BACKGROUND:

ATTACHMENTS:

FISCAL DETAILS:

Fund Name(s):

Coding:

Tsunami Ready: Bainbridge Island

Anne LeSage

Emergency Management Coordinator

September 20, 2022

Overview

- September is Community Preparedness Month
- Received updated Statewide Tsunami Modeling released in July 2022 with more severe impact to Bainbridge Island
- Ongoing need to consider sea-level rise and long-term tsunami impacts
- City is investing time and funding into tsunami preparedness

Discussion

- Current preparedness efforts
- Tsunami Modeling for Bainbridge Island
- NOAA/NWS Tsunami Ready Designation

Current Preparedness Efforts

- Personal Preparedness
 - Community Emergency Response Team (CERT) training, Wilderness First Responder (WFR) training, Amateur radio licensing
- Map Your Neighborhood
 - 36% of households are “mapped”
- Website and Social Media Messaging
- Day of Preparedness – Saturday, September 24th 10 AM to 2 PM at City Hall

Emergency Management Strategic Planning Organizational Chart

Lead Agency



Partner Agency



Community Nonprofit



Preparedness Teams

Mitigation
 Communication
 Strategic Partnerships
 Continuity of Governance
 Volunteer Management & Credentialing
 Infrastructure, Transportation & Logistics

Preparedness Teams

FireWise Program
 Community Risk Reduction
 (CPR, Stop the Bleed, Fire Extinguisher
 Training, Community Outreach)

Preparedness Teams

Map Your Neighborhood
 Digital Infrastructure
 Ready Congregations
 Food, Water & Sanitation
 Access & Functional Needs
 Community Outreach & Training

Emergency Response Teams

→ Flotilla
 Public Safety & Security
 Damage Assessment Team
 Care & Shelter Team
 Emergency Operations Center

Emergency Response Teams

Firefighting
 Multi-Casualty Incident Management
 Search and Rescue
 Emergency Medical Services
 Department Operations Center

Emergency Response Teams

Disaster Hubs* Management
 Medical Reserve Corps
 Emergency Medical Responders
 Emergency Auxiliary Radio Service
 Community Emergency Response Team
 Domestic Animal Care
 Interpretation (Limited English Proficiency)
 Psychological First Aid
 Wellness
 Child Safety & Family Reunification
 Resource Acquisition & Deployment

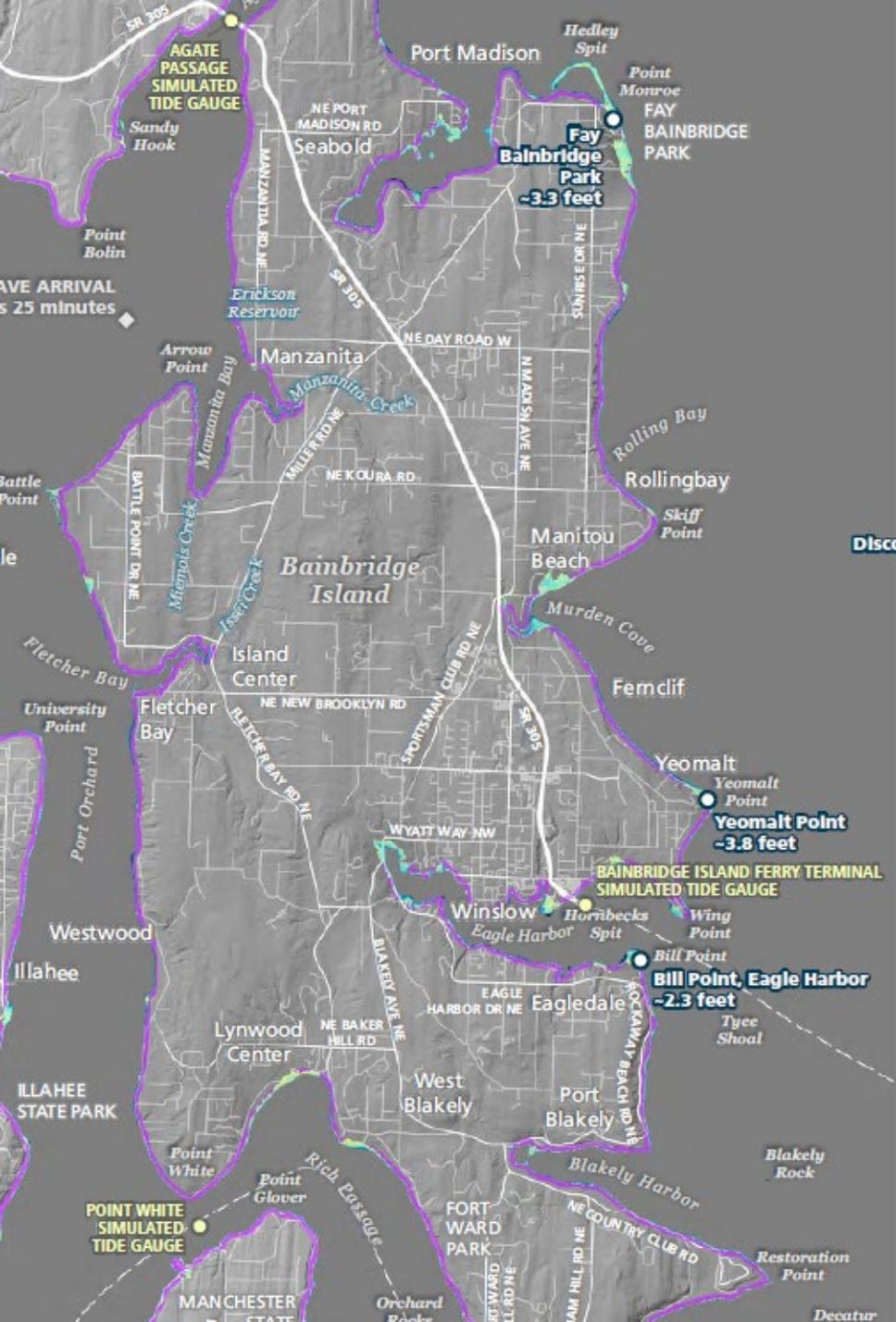
⚡ *Disaster Hubs provide the following limited services for a limited duration after a wide-scale disaster. Hubs have a formal relationship with COBI and are staffed by Bainbridge Prepares volunteers.*

Tsunami Risk to Bainbridge Island

- Earthquake/tsunami scenarios:
 - Off-shore earthquake, Alaska, Japan, etc.
 - Hours notice before tsunami wave arrival
 - Cascadia Subduction Zone 10.0 Earthquake
 - Hours notice before tsunami wave arrival
 - Seattle Fault Zone 7.5 Earthquake
 - Minutes notice before tsunami wave arrival

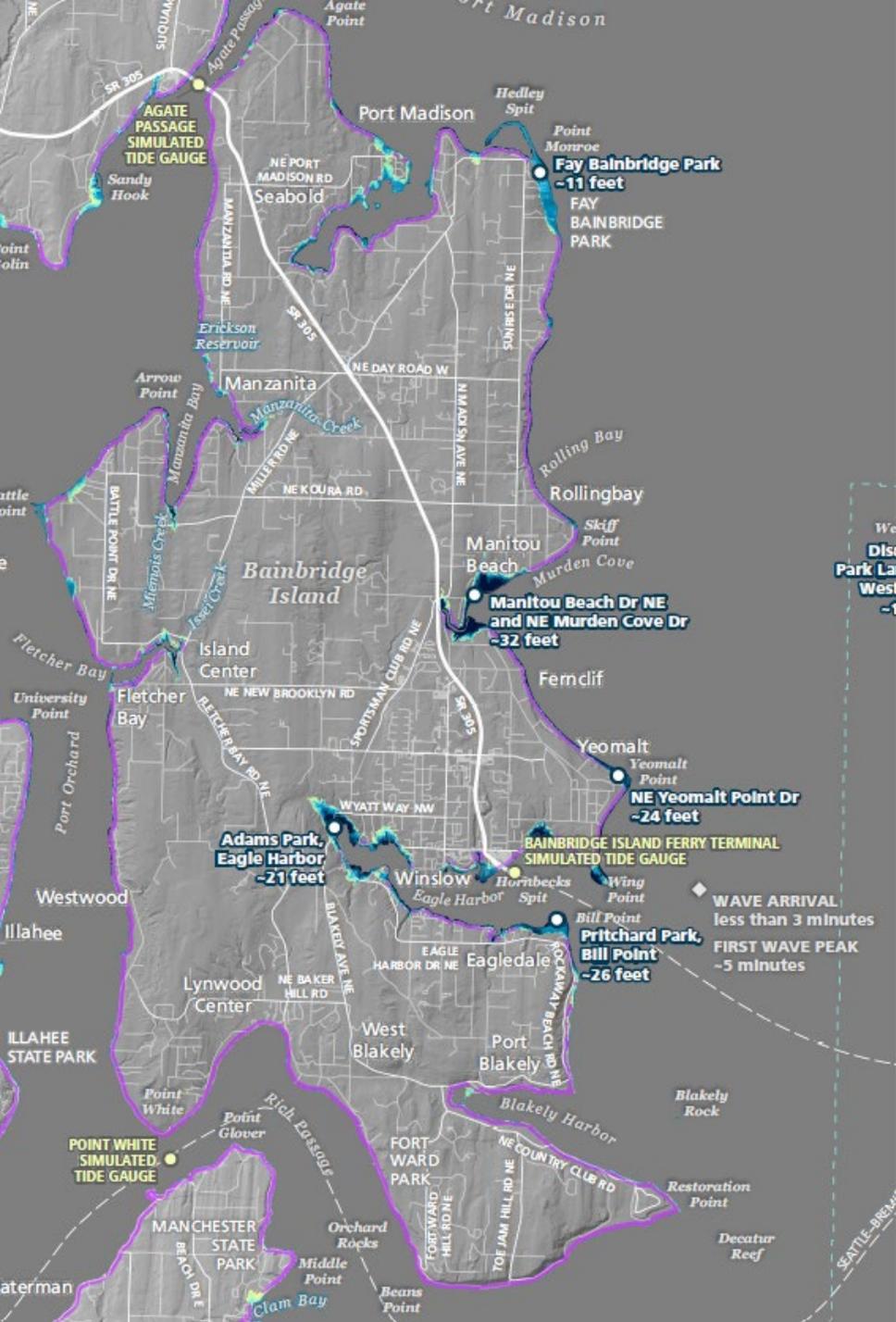
Cascadia Modeling

- Wave arrival within 2 ½ hours
- Primary impacts to the east side of the island
- Fay Bainbridge 3.3 feet of inundation
- Yeomalt Point 3.8 feet of inundation
- Bill Point/Eagle Harbor 2.3 feet of inundation
- Other Areas of Impact
 - Head of the Bay
 - Point Monroe
 - Murden Cove
 - Blakely Harbor



Seattle Fault Modeling

- Wave arrival within 3 minutes
- Primary impacts on the east side of the island
- Fay Bainbridge 11 feet of inundation
- Manitou Beach/Murden Cove 32 feet of inundation
- Yeomalt Point 24 feet of inundation
- Head of the Bay 21 feet of inundation
- Bill Point/Pritchard Park 26 feet of inundation



Current Tsunami Signage on Bainbridge

- Manitou Beach
- Fay Bainbridge Park
- Waterfront Park
- Prichard Park
- Lytle Road End



New Statewide Signage

- Will be placed around the island based on feedback provided by the Statewide Tsunami Program Coordinator



Tsunami Ready Program

- NWS program to promote tsunami hazard preparedness
- Goal of the program is to improve public safety before, during and after tsunami emergencies
- Establishes [guidelines](#) for a standard level of capability to mitigate, prepare for and respond to tsunamis

Benefits of Tsunami Ready Program

- Help communities minimize their losses
- Access to technical support from the NWS, WAEMD, and DNR
- Improved positioning to receive state/territorial and federal financial support
- Improved preparedness for other hazards

Steps to Becoming Tsunami Ready

- Become a Weather-Ready Nation Ambassador 
- Apply for and Receive Storm Ready Designation - **In-Progress**
- Apply for and Receive Tsunami Ready Designation from the National Atmospheric Administration
 - Bainbridge Island will be the first inner coastal City in Washington to receive this designation

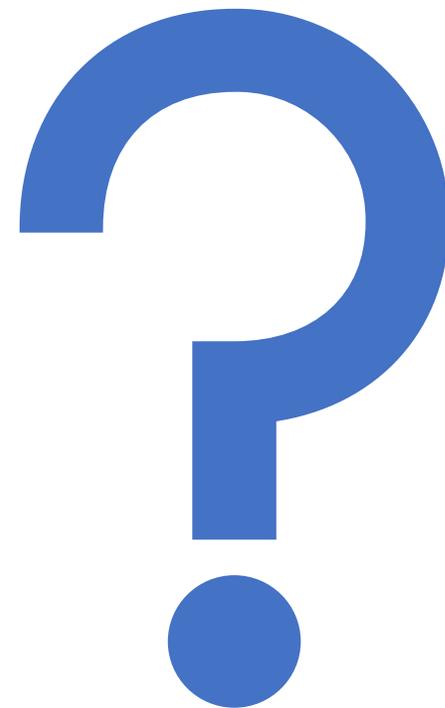
Tsunami Ready Requirements To Complete

- Designate and map tsunami hazard zones, evacuation routes, assembly areas, and install signage
- Provide ongoing tsunami public education
- Conduct community exercises focused on tsunami response
- Include tsunami hazards in the Comprehensive Emergency Management Plan (CEMP)
- Have redundant means for 24-hour warning and dissemination for tsunami watch, advisory, and warning alerts

What's Next?

- Provide updates at future Council Meetings
- Council support for additional funding requests for tsunami-related projects, if needed

Questions?





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City Council Study Session Agenda Bill

MEETING DATE: September 20, 2022

ESTIMATED TIME: 30 Minutes

AGENDA ITEM: (6:40 PM) Receive Update from Bainbridge Prepares,

SUMMARY: September is Emergency Preparedness Month. Council will receive an overview from Scott James, Bainbridge Prepares founder and Board Chair, on the Bainbridge Prepares partnership, COVID response and ongoing support efforts (vaccine clinics), and what's next for Bainbridge Prepares as a nonprofit.

AGENDA CATEGORY: Discussion

PROPOSED BY: Executive

RECOMMENDED MOTION: Information only.

STRATEGIC PRIORITY:

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