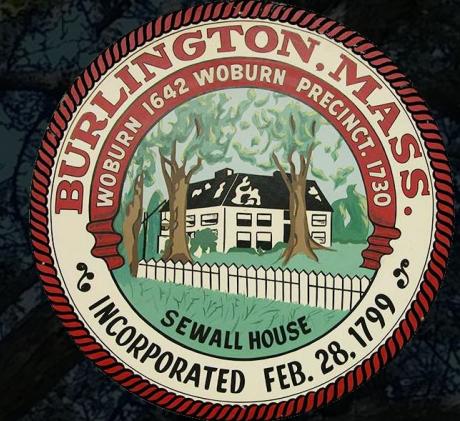




# HAZARD MITIGATION PLAN

June 26, 2024



Weston & Sampson<sup>SM</sup>

# WELCOME



*Introduce yourself  
in the chat*



*This meeting is  
being recorded*



*For questions, please  
use the Chat or Q/A*



**Elizabeth Bonventre**  
Planning Director

Weston & Sampson<sup>SM</sup>



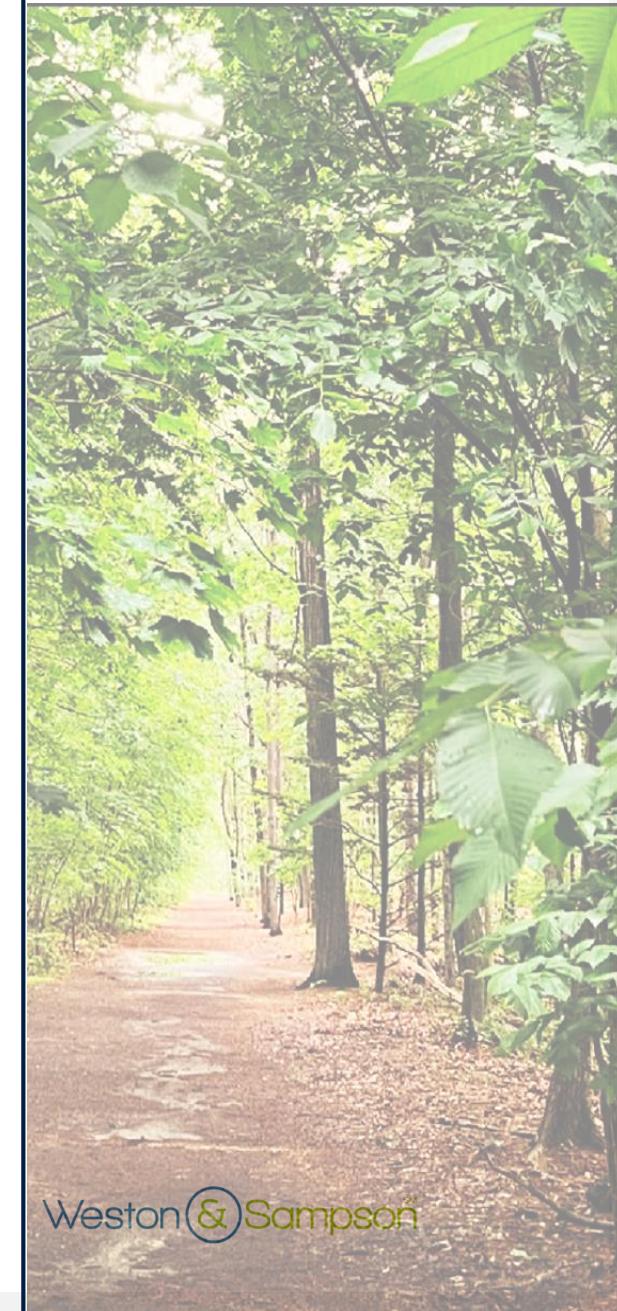
**Susan Mara**  
Project Manager



**Elizabeth Haney**  
Senior Project Planner

# AGENDA

-  Welcome & Introductions
-  Overview of the Hazard Mitigation Plan
-  Natural Hazards in Burlington
-  Project Goals and Community Assets
-  Next Steps and Discussion
-  Conclude



# AGENDA



## Welcome & Introductions



## Overview of the Hazard Mitigation Plan



## Natural Hazards in Burlington



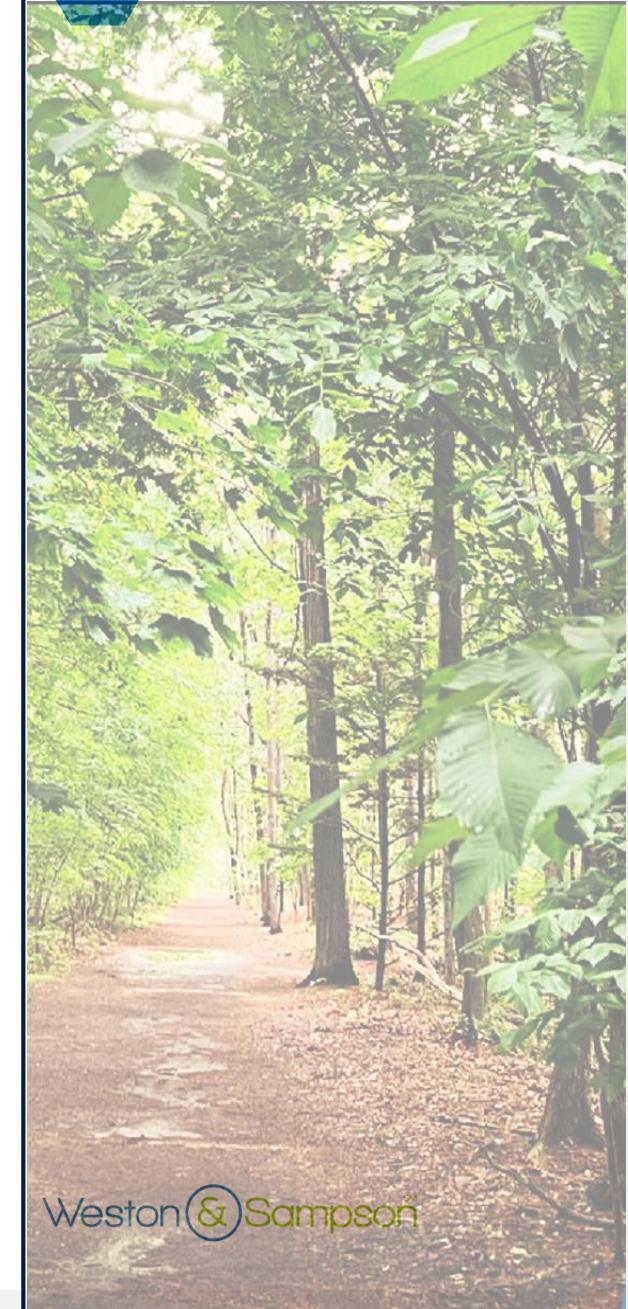
## Project Goals and Community Assets



## Next Steps and Discussion



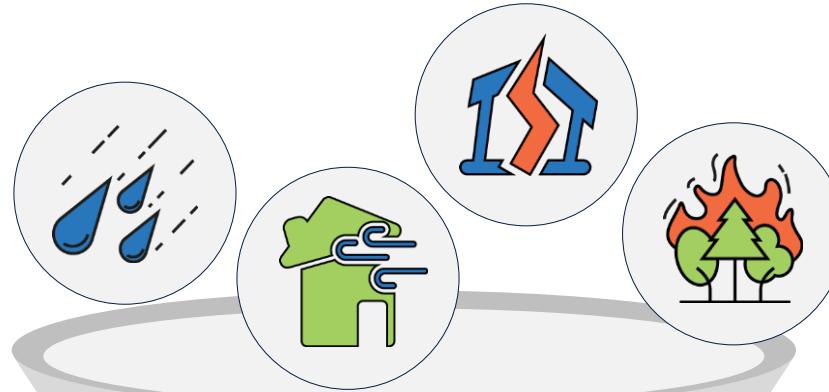
## Conclude



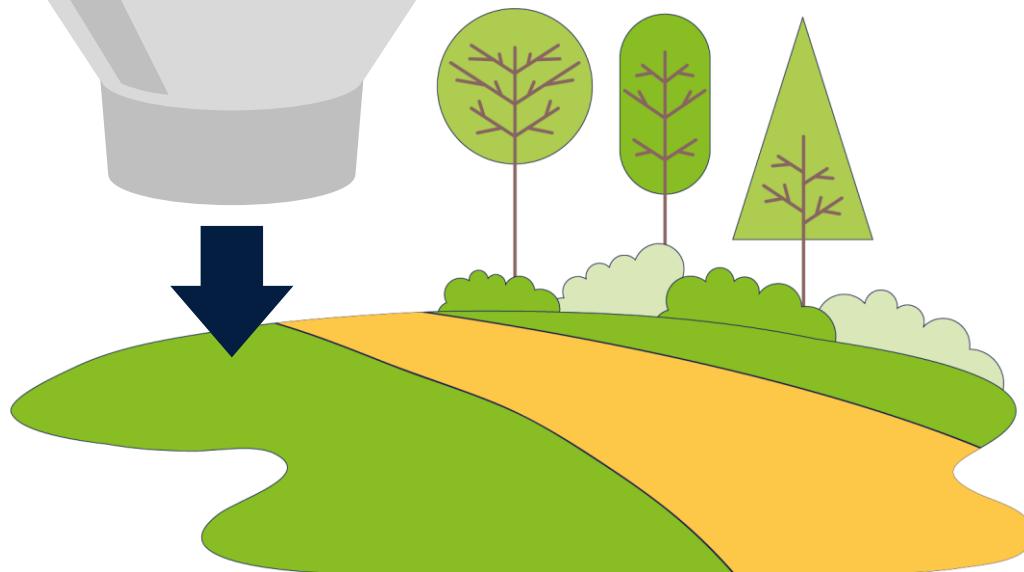
# WHAT IS HAZARD MITIGATION?



Reduce impacts  
from natural  
hazards...



...through plans,  
projects, and services.



# VALUE OF HAZARD MITIGATION PLANNING



**EVERY \$1** SPENT ON MITIGATION



**SAVES \$6**

ON DISASTER RECOVERY





1. Identify and Profile the Hazards
2. Determine the Risk (Threat)
3. Determine the Vulnerability
4. Develop Goals & Strategies to Reduce Long-Term Risks and/or Vulnerability

# HMP OVERVIEW



# WHY ARE WE HERE TODAY?



Learn about  
HMPs



Discuss local hazards



Gather stories &  
experiences

# AGENDA



Welcome & Introductions



Overview of the Hazard Mitigation Plan



Natural Hazards in Burlington



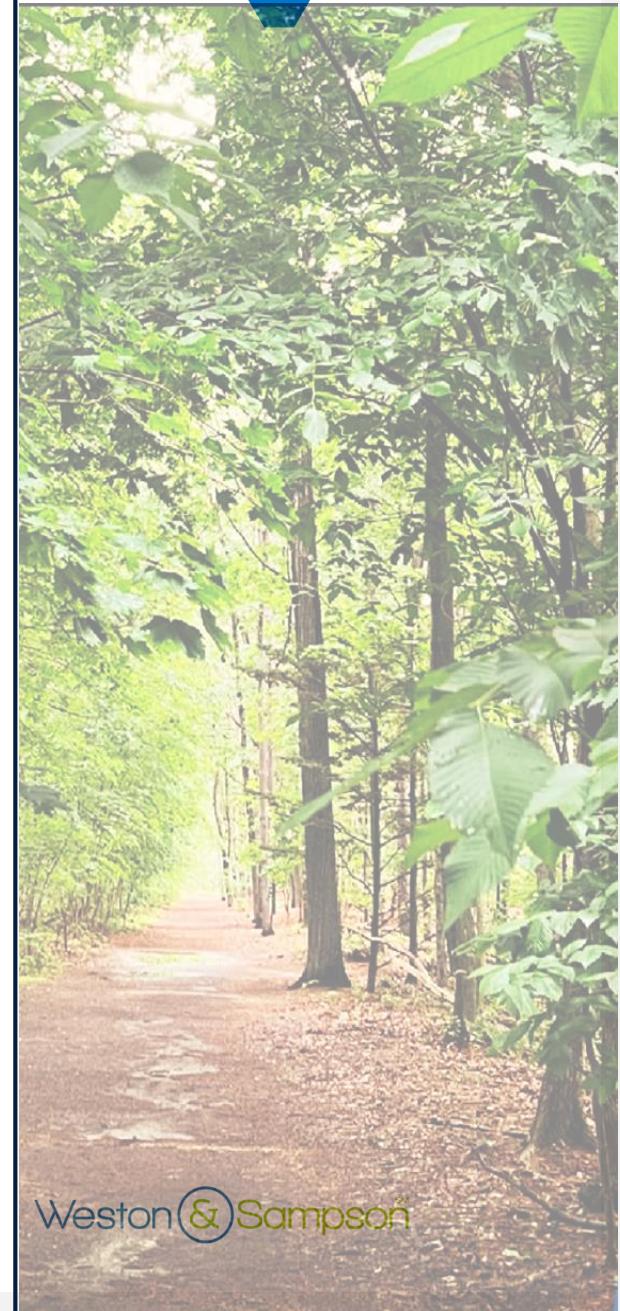
Project Goals and Community Assets



Next Steps and Discussion



Conclude



# NATURAL HAZARD PROFILES



HURRICANE  
WIND



COASTAL  
HAZARDS



WIND



SEVERE  
WEATHER



TORNADOES



INLAND  
FLOODING



SEVERE  
WINTER  
WEATHER



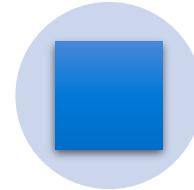
DROUGHT



WILDFIRE



SEISMIC  
HAZARDS



GEOLOGICAL  
HAZARDS



DAM FAILURES



EXTREME  
HEAT



# 1. What hazards concern you?

# FLOODING



Burlington's total precipitation is projected to increase by ~13% by 2070\*



**2. What is your experience of flooding and what areas of town are prone to flooding?**

# HEAT



The number of days above 90° is expected to increase from 12 to 52 days between 2030- 2090\*



**3. How do you and your family stay cool when it is hot out?**

# CHANGES TO GROUNDWATER



Extreme heat, drought, extreme precipitation will all effect groundwater in the future.



## 4. What are your concerns about changes to groundwater?

# AGENDA



Welcome & Introductions



Overview of the Hazard Mitigation Plan



Natural Hazards in Burlington



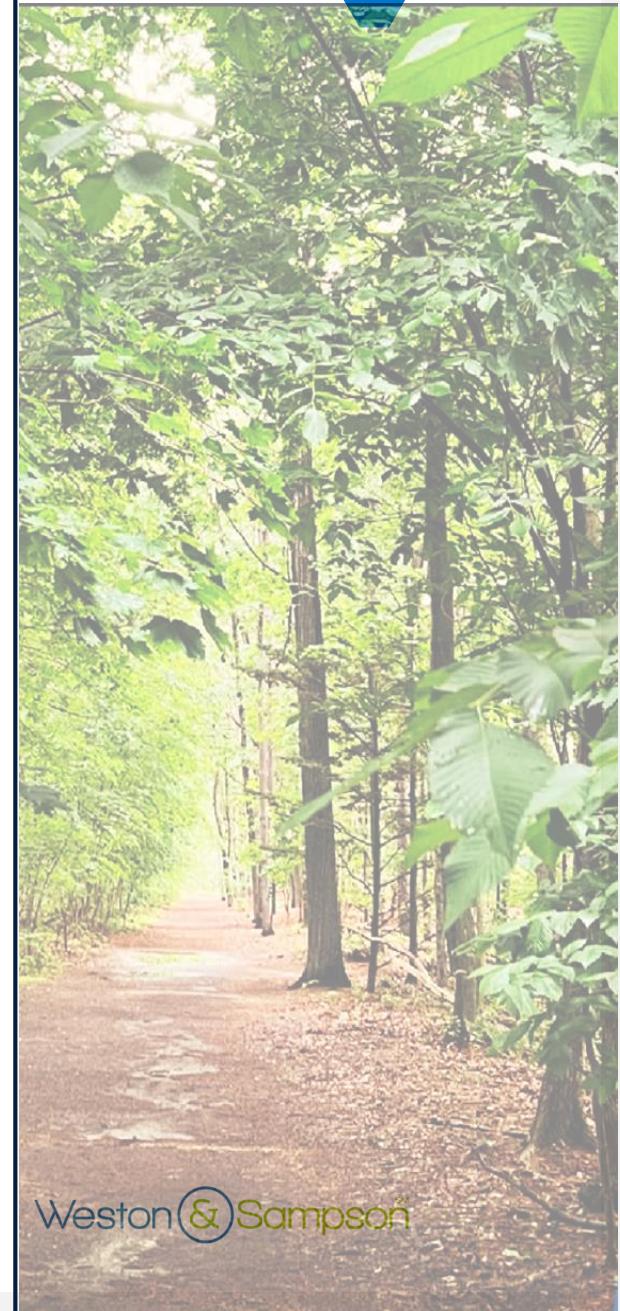
Project Goals and Community Assets



Next Steps and Discussion



Conclude



# PROJECT GOALS



## Protect

Equitably *Protect* Health and Safety of the Community



## Communication

Promote Public Preparedness and Resilience through *Communication*



## Coordinate & Collaborate

*Coordinate and Collaborate* among Town Departments and with Community Partners on Hazard Mitigation Planning & Climate Adaptation



## Sustainably Invest

Plan for & *Sustainably Invest* in Priority Hazard Mitigation Implementation



## Monitor & Respond

Improve Capacity to *Monitor* Natural Hazards and *Respond* to Changes



# COMMUNITY ASSETS



Locations and resources that are vital to the function and character of Burlington.

- Built Environment
- Vulnerable Populations
- Cultural Resources
- Natural Resources
- Economic Centers



Safety & Security



Health & Medical



Transportation



Food, Water, Shelter



Parks & Greenspace



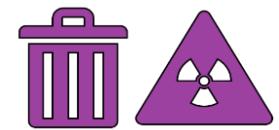
Communications



Cultural, Historic, & Events



Energy



Hazardous Material

**5. As you deal with extreme weather events, what buildings or services do you need to access?**

# AGENDA



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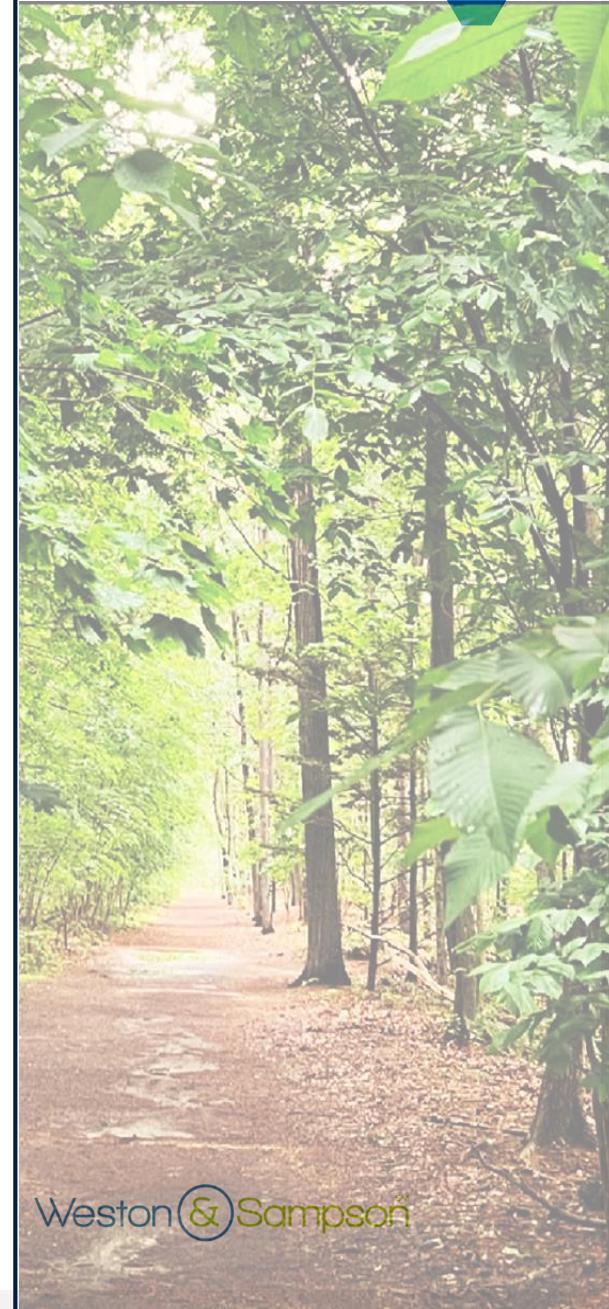
Project Goals and Community Assets



Next Steps + Discussion



Conclude





Help protect Burlington & complete the  
**HAZARD MITIGATION  
SURVEY**

SHAPE THE PLAN TO PROTECT  
BURLINGTON'S PEOPLE & PLACES



[TINYURL.COM/BURLINGTONHAZARDSURVEY](https://tinyurl.com/burlingtonhazardsurvey)



SCAN THIS WITH YOUR  
PHONE AND COMPLETE  
BY JULY 1

SHARE YOUR EXPERIENCE OF  
FLOODING, STORMS, DROUGHT &  
OTHER HAZARDS

Are you concerned about rising heat,  
unusually warm winters, and other  
extreme events?

Please share with friends, family and  
others in your life!

[tinyurl.com/burlingtonhazardsurvey](https://tinyurl.com/burlingtonhazardsurvey)

# NEXT STEPS



- Review Survey Results
- Develop Actions
- Assess Capabilities
- Integrate Public Feedback
- Analyze Community Assets



Stay connected by visiting the Town's website and look out for the final public meeting in November.



## Questions or comments?

# THANK YOU

Weston & Sampson<sup>SM</sup>

Weston & Sampson<sup>SM</sup>