

HAZARD MITIGATION PLAN

June 26, 2024



Weston & SampsonSM



WELCOME



*Introduce yourself
in the chat*



*This meeting is
being recorded*



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



Elizabeth Bonventre
Planning Director



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Project Manager



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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



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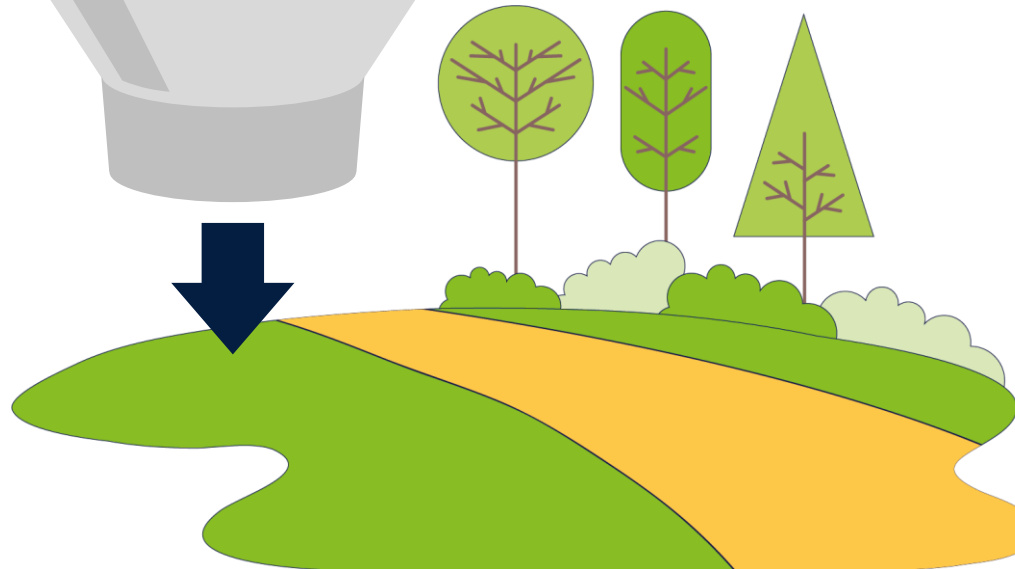
WHAT IS HAZARD MITIGATION?



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**

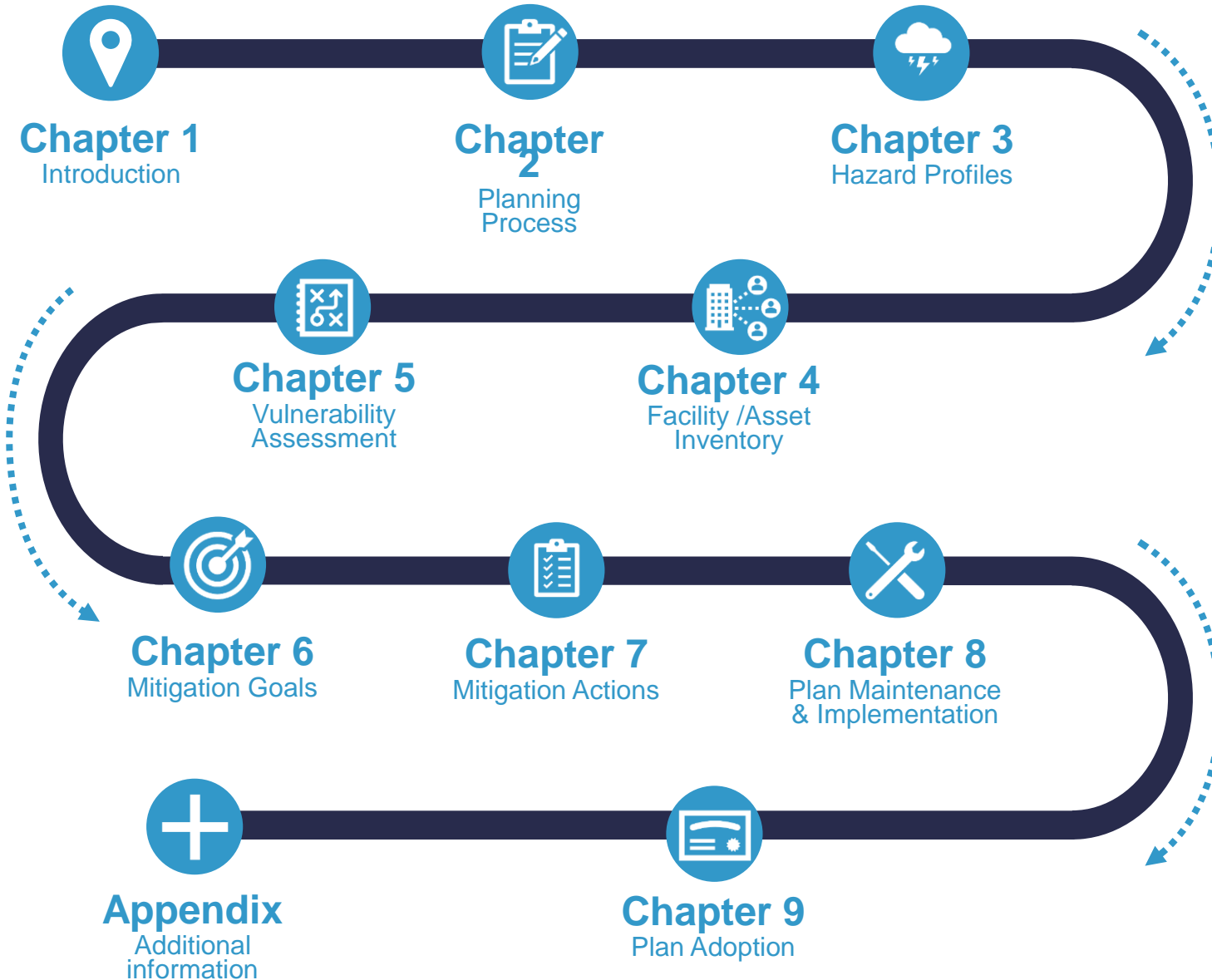


PROCESS OF HAZARD MITIGATION PLANNING



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



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Natural Hazards in Burlington



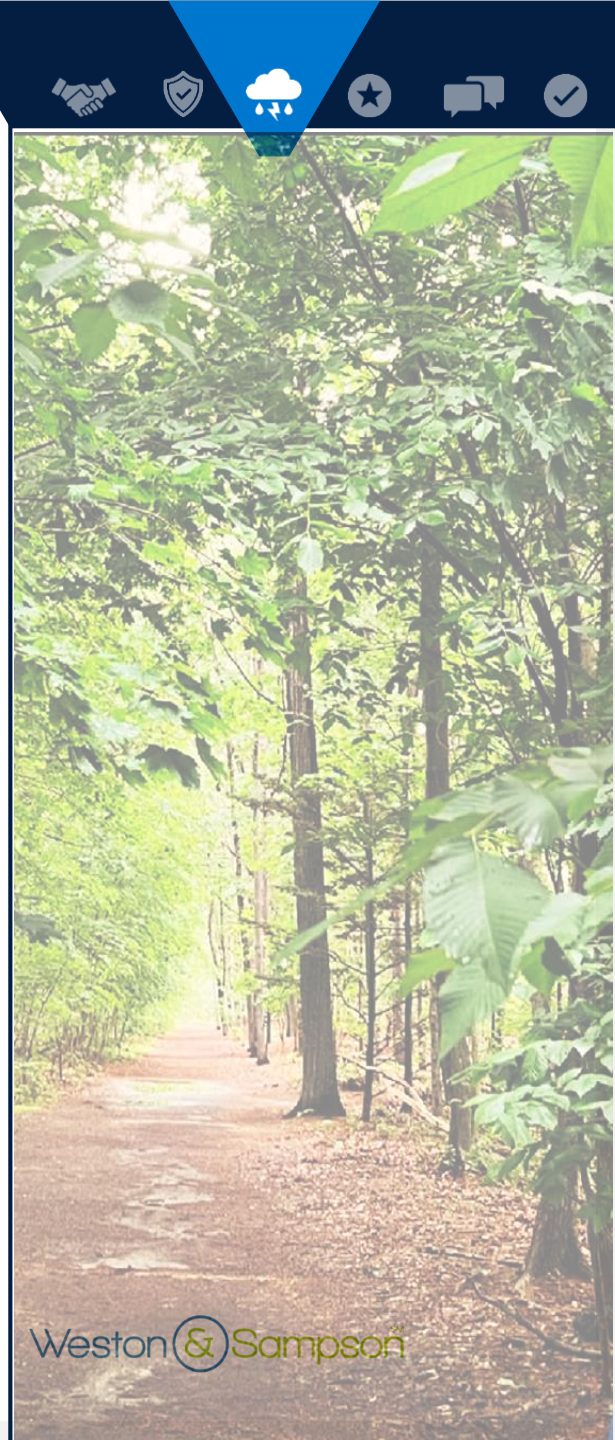
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Conclude



NATURAL HAZARD PROFILES



HURRICANE
WIND



COASTAL
HAZARDS



WIND



SEVERE
WEATHER



TORNADOES



INLAND
FLOODING



SEVERE
WINTER
WEATHER



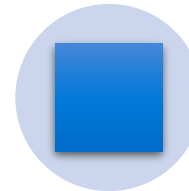
DROUGHT



WILDFIRE



SEISMIC
HAZARDS



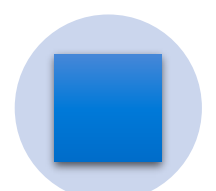
GEOLOGICAL
HAZARDS



DAM FAILURES



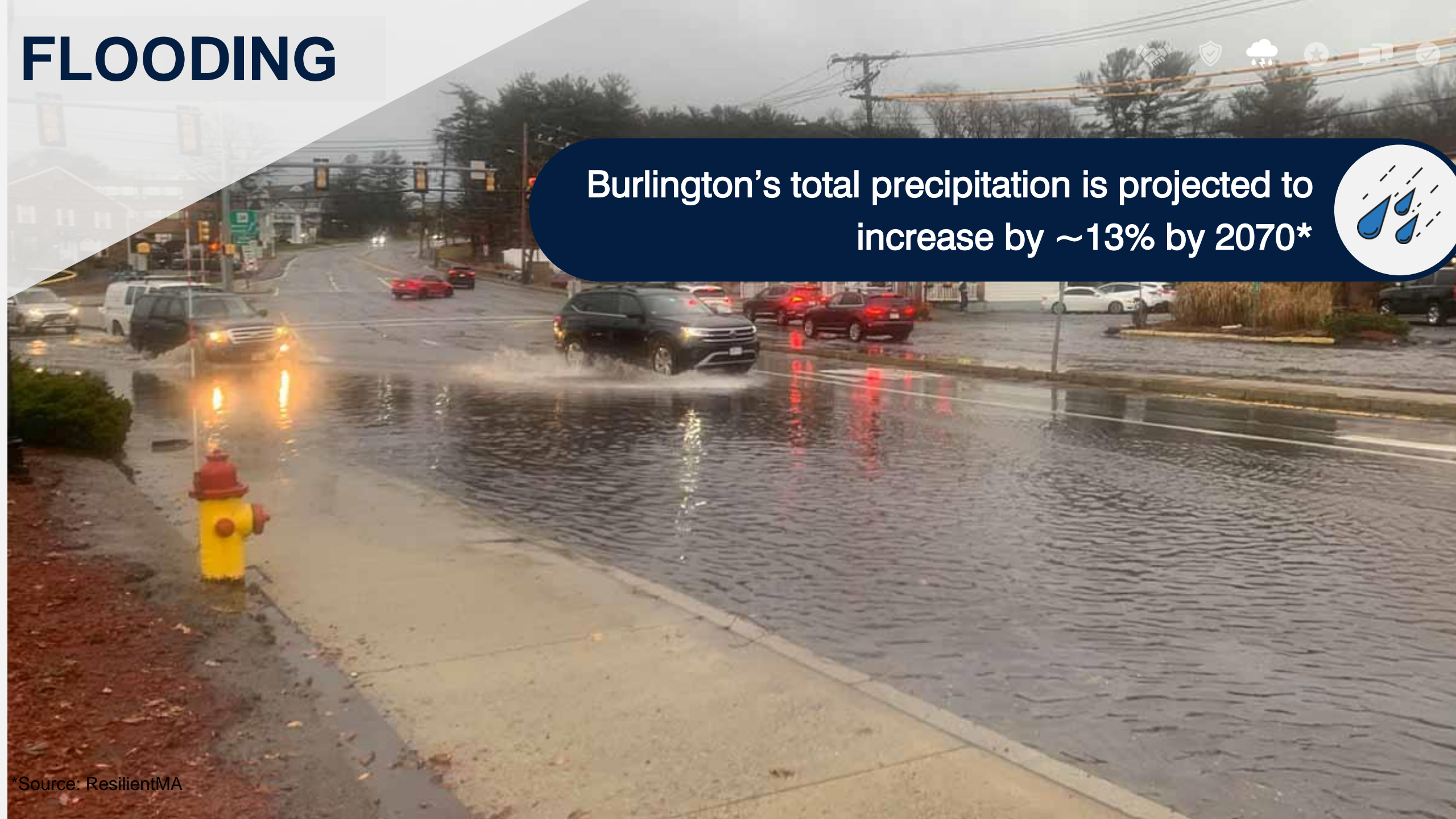
EXTREME
HEAT



1. What hazards concern you?

FLOODING

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



*Source: ResilientMA

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?

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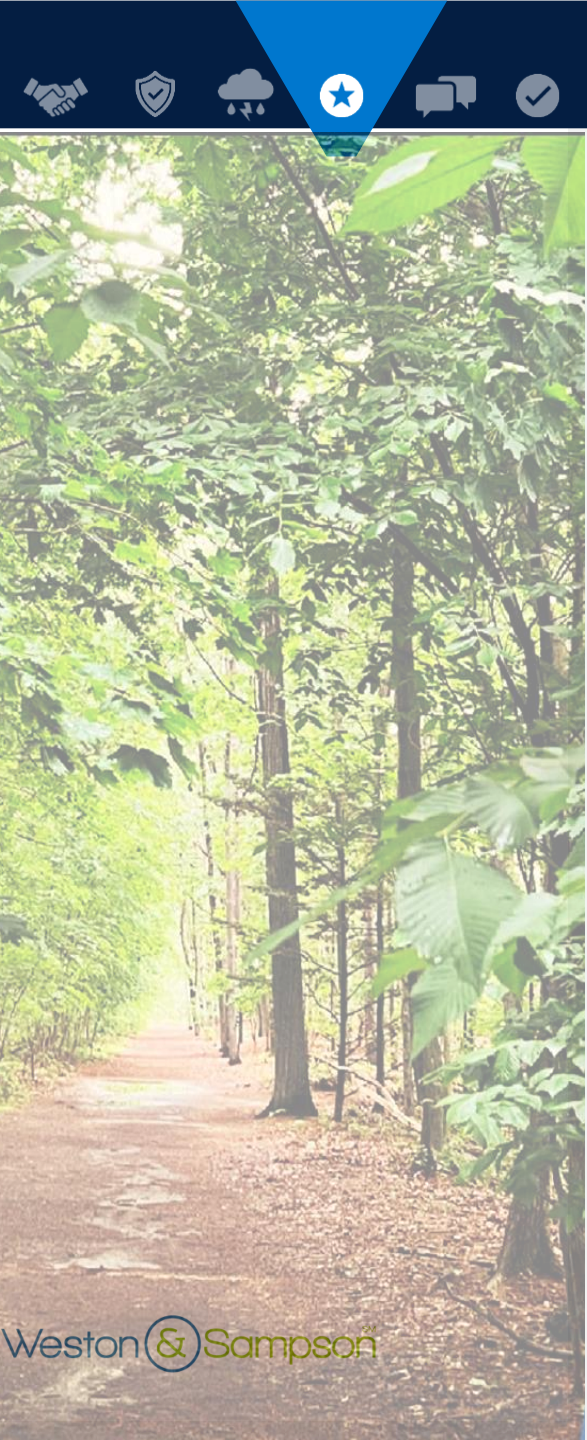
Project Goals and Community Assets



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

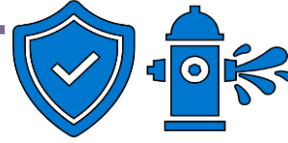
Improve Capacity to *Monitor* Natural Hazards and *Respond* to Changes



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



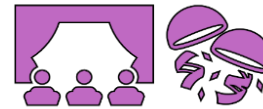
Food, Water, Shelter



Parks & Greenspace



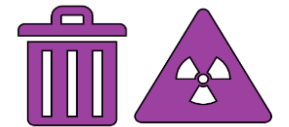
Communications



Cultural, Historic, & Events



Energy



Hazardous Material

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

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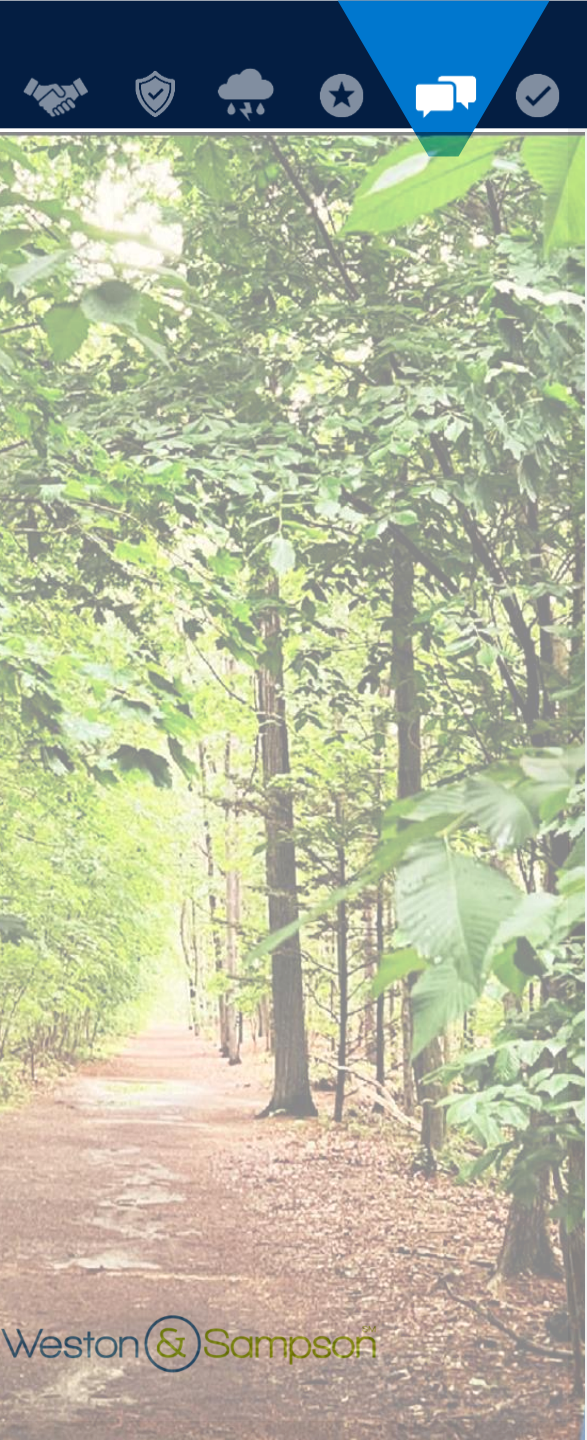
Project Goals and Community Assets



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

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

