Appendix E: Listening Session Material

Listening Session Social Media Postings

Listening Session Slideshow

Listening Session Sign-in Sheet





Brookfield is participating in the Massachusetts Municipal Vulnerability Preparedness program to develop priorities for adapting to changing natural hazards. We invite you to attending this upcoming meeting to learn about the program, see the highlights from the town's MVP workshop, and share any comments you might have on the future resiliency of Brookfield.

PUBLIC LISTENING SESSION

Brookfield Municipal Vulnerability Preparedness Program

Learn more about Brookfield's climate resilience planning under the Massachusetts Municipal Vulnerability Preparedness (MVP) program!

MVP provides support for communities to begin the process of planning for climate resilience and prioritizing adaptation and hazard mitigation actions. Communities that complete the MVP certification program are eligible for follow-up grant funding and other opportunities.

The main listening session will be held at 5:30 PM, with a brief presentation during the Selectmen's meeting at 6:30 PM.

For more information, please contact the Brookfield Board of Selectmen at (508) 867-2930, the Central Massachusetts Regional Planning Commission at (508) 459-3339, or email aloew@cmrpc.org

Tuesday, June 04, 2019 at 5:30 PM
Town Hall, 6 Central Street
Banquet Room

Brookfield invites residents to listening session

BROOKFIELD —
Brookfield is inviting residents to attend a public forum on the evening of June 4, at 5:30 p.m, to learn about the Massachusetts Municipal Vulnerability Preparedness Program and its progress in Brookfield.

The MVP Program is a state-funded grant opportunity to allow municipalities to plan for climate resiliency to protect residents and infrastructure against changing natural hazards. Once a town has completed the MVP program and become a certified MVP community, it is eligible for additional grant opportunities to focus and solve issues raised in the town's approved plan.

Brookfield has partnered with the Central Massachusetts Regional Planning Commission to successfully complete the program. As part of the program, CMRPC and the town's core team hosted a day-long workshop attended by town officials and other stakeholders to identify the risks and associated action items that they best believe the town is facing now and in the future. These findings will be presented at the listening session and attendees are encouraged to ask questions and provide comments and feedback. A similar presentation will follow at that evening's meeting of the Brookfield Board of Selectmen. After these meetings, the final MVP report will be open to review ahead of the June 30th deadline for submission to the state.

The findings and listening session will cover the top hazards identified at the workshop as those most likely to occur in Brookfield, the primary topic areas set out by the state, and the accompanying risks and strategies developed by the workshop attendees. Additionally, CMRPC will share the results of a survey conducted to examine interest in adding municipal water service to southern areas of Brookfield to help protect

against future droughts. This additional activity was included in Brookfield's MVP grant.

Interested residents may attend the listening session on Tuesday, June 4 at 5:30 p.m. in the Banquet Hall at the Brookfield Town Hall, 6 Central St. The presentation with the Board of Selectmen will take place that same evening at the selectmen's regularly-scheduled meeting at 6:30pm. Questions about the program or the event can be directed to Andrew Loew, Central Massachusetts Regional Planning Commission, at 508-459-3339.



2019 Municipal Vulnerability Preparedness (MVP) Program

Public Listening Session
Brookfield, MA

June 04, 2019









Municipal Vulnerability Preparedness (MVP) Program Overview

- The MVP grant program provides support for Massachusetts communities to begin the process of planning for and implementing climate resilience
- Communities who complete the MVP planning program become certified as an MVP Community and are eligible for MVP action grants and bonus points on some other state grants (MassWorks, etc.)
- Based on the Community Resilience Building framework from the Nature Conservancy and National Oceanic and Atmospheric Administration (NOAA)
- 71 communities designated in 1st round; another 82 now underway in 2nd



MVP Planning Program Objectives

- Define extreme weather, natural and climate-related hazards
- Identify existing and future vulnerabilities and strengths
- Develop and prioritize actions for the community and broader stakeholder networks
- Identify opportunities for the community to advance actions to reduce risks and build resilience

State and local partnership to build resiliency to climate change

1. Engage Community 2. Identify CC impacts and hazards

Complete assessment of vulnerabilities
 strengths

4. Develop and prioritize actions

5. Take Action



MVP vs. Hazard Mitigation Planning

- MVP overlaps somewhat with Hazard Mitigation Planning, but MVP is more focused on climate change in the long-term
- Brookfield's Hazard Mitigation Plan was updated in August 2018
- 5-year plan is reviewed and approved by MEMA and FEMA with very specific requirements that make municipalities eligible for mitigation grants, if, and when there is a disaster declaration
- MVP is more of a consensus- and awareness-building exercise than a step-by-step analysis and plan



MVP Process

- Community-driven process led by a project coordinator with a core team
 of Town officials, staff and volunteers representing central administration,
 planning and economic development, public works, public health, fire/EMS,
 police, conservation, senior center, schools and other key stakeholders who
 care about the future health and resilience of the community.
- Brookfield Core Team met 5 times to guide process (5-6 members)
- CMRPC was selected as the MVP service provider (state-certified team)
- Brookfield MVP workshop held on April 25 with 11 attendees
 - Invitation-only workshop
 - Listening session today is open to the public



Top Hazards Identified at MVP Workshop

- Flooding
- Winter Storms
- Heat/Droughts/Wildfires
- Severe Storms







Primary Topic Areas

- Infrastructure
- Society
- Environment





Environment

Priority Features

- Quaboag River
- Invasive Species
- Septic Systems
- Wetlands

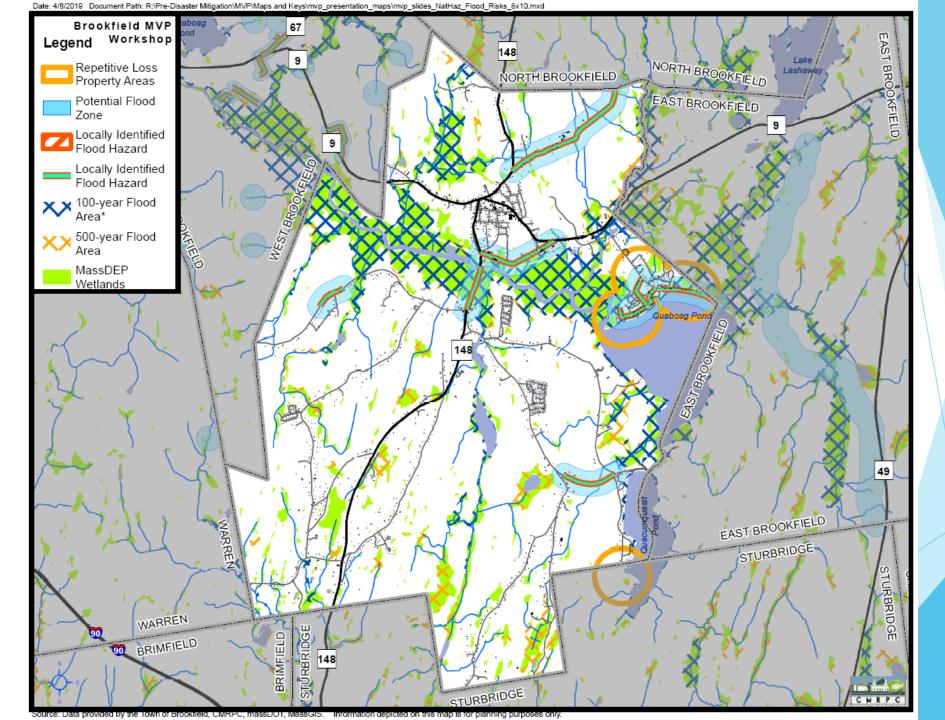
Local Strengths

- Forest Cover
- Open Space
- Wildlife
- Ponds

Strategies

- Complete a comprehensive plan to monitor and assess the water quality and risks of the Quaboag River and other waterways throughout the town
- Complete a study and develop a management plan for the ongoing efforts to combat the risks of invasive species in natural areas
- Increase Board of Health and Building inspections and ensure that all septic systems are meeting Title 5 compliance
- Continue to protect and examine opportunities for low impact development and nature based solutions and enforce and expand zoning regulations







Society

Priority Features

- Quaboag Street and Pine Lane Neighborhood
- Public Education/Awareness
- Reverse 911 and Communications System
- Municipal Owned Sites

Local Strengths

- Emergency Services
- Town Planning
- ▶ Town Communications
- Residents

Strategies

- Evaluate evacuation procedures, develop a floor water pumping plan, and pursue grant opportunities to protect houses in the area
- Increase education, outreach, and awareness efforts of local issues and vulnerable populations
- Continue to support and assess the use of Reverse 911 and expand for evacuation planning
- Investigate water and well access and suitability on town owned sites, provide and communicate any development plans with the residents, and consider utilizing some town owned sites for a shelter or visitor center



STURBRIDGE

Society



Infrastructure

Priority Features

- Public Water System Coverage
- Municipal Buildings
- Drainage and Culverts
- Elementary School

Local Strengths

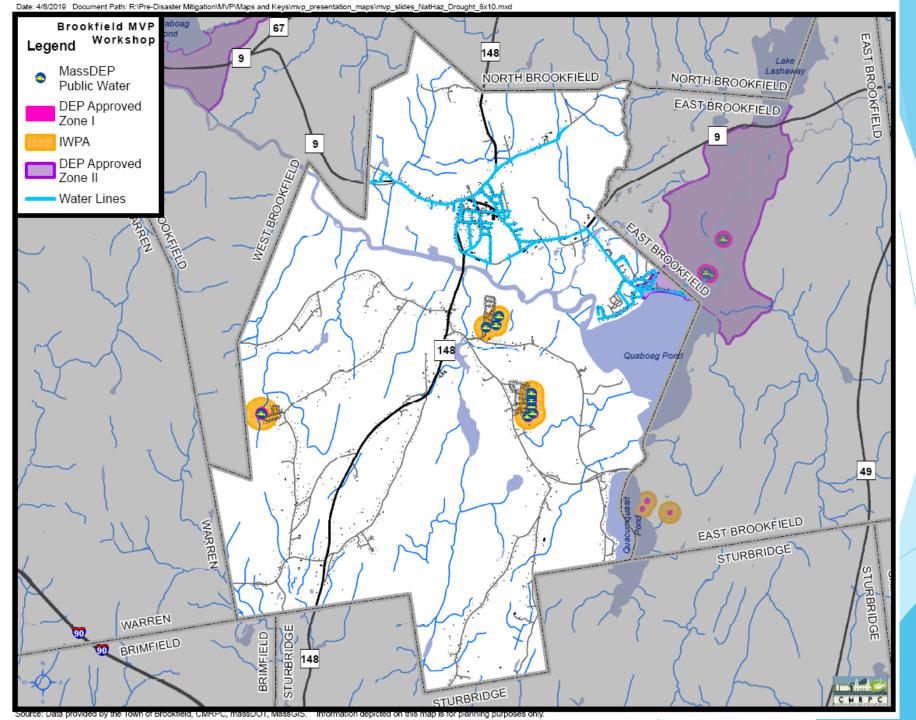
- Roads
- Gas Supply
- Evacuation Routes
- Fire Fighting Capabilities

Strategies

- Complete an engineering analysis and study of the existing water system infrastructure and complete a plan to update and expand water infrastructure
- Upgrade and install backup generators and lightning rods at Town Hall, Police Station, and Fire Station
- Ensure all municipal buildings are ADA compliant to support shelter use
- Complete an engineering inventory and analysis of all storm drains and culverts and replace, upgrade, and expand capacity as needed
- Expand the backup generator capacity of the Elementary School



Infrastructure





TOWN OF BROOKFIELD - SOUTH AREA WATER SURVEY

December 2018

Dear Southern Brookfield Resident or Business Operator:

With support from a state Municipal Vulnerability Preparedness (or MVP) grant and the Central Massachusetts Regional Planning Commission, the Town of Brookfield is exploring the long-term :LD – SOUTH AREA WATER SURVEY possibility of extending municipal water service to serve all or some neighborhoods south of the Quaboag River that currently rely on private well water. As an early step in its research, the Town asks that all households and businesses in that portion of the community complete the attached survey to tell us more about your existing well service, water usage, and thoughts about possible expansion of the Town's water system. Please respond no later than January 4, 2019.

Municipal water service can provide a number of benefits not available through private wells:

- · Access to clean water sourced from an aquifer that is relatively resilient to drought
- · Water that's available even when the power goes out, without the need for your own generator
- · Professional management of your water supply, including regular testing and treatment in compliance with federal and state standards
- A backup connection to the water supply in another community (West Brookfield) in case of drought
- Water for fire hydrants that can protect your family and property and help reduce your homeowners' or renters' insurance rates
- · No need to monitor your own water chemistry, maintain/replace your own pump or generator, or drill new wells (or deepen existing ones) in time of drought
- · Shared costs with other users of the water system
- · Superior water service at long-run costs that are roughly comparable to maintaining your own well

The average Brookfield residential water customer currently pays about \$20 per month for Town water service while lighter users pay less than \$10 per month. If the municipal system is expanded, one-time hookup costs for new residential water users in are expected to be around \$1,500, and a special assessment ("betterment") charge to residential property owners receiving new service from the system expansion can be expected to range from around \$10 to \$60 per month for 20 to 30 years, depending on the system size and property-specific factors. In comparison, costs for installation or total replacement of a residential well system typically range from \$5,000 to \$7,000, while operations, maintenance and occasional replacement of well components such as pumps are estimated at \$20 to \$40 per month for most users in the long term, depending on various factors. Residents of mobile home parks generally pay for water service as part of their rental fee - consult your park's management for details.

Completed survey responses should be returned to the Brookfield Town Hall or the Merrick Public Library, or they can be mailed to Brookfield Water Survey, c/o Central Massachusetts Regional Planning Commission, 1 Mercantile St. Suite 520, Worcester, MA 01608. Surveys may alternatively be completed online at www.surveymonkey.com/r/BrookfieldSouthWater (please submit only ONE total survey per household/business). Individual survey responses are confidential.

PO Box holders receiving this survey for homes or businesses located north of the Quaboag River (in the Town Center, Route 9 or vicinity) are asked NOT to complete or submit it.

Sincerely.

Brookfield Water Commission

Donald Taft Robert R Barnes

Al Jones

This survey is available online at www.surveymonkey.com/r/BrookfieldSouthWater

□ Unsure

Thank you for taking the survey!		-
Il well-water user or a business/organizational well-water user?	LD – SOUTH AREA WATER SURVEY	
☐ Residential		-
	epth?	
ess located?	201 – 500 feet	
(Apt. #, if any)	501 or more feet	
(Apt. #, II ally)		OUTH AREA WATER SURVEY
to question #1, please describe the type of home you live in.	or repairs been made in in the last five years to one or more of the wells or	
mily	s your residence or business?	experience any of the following impacts on your well water? Ple
y for residential purposes, do you own or rent your home?		Water unavailable at times
	tor to power your well pump in event of a power failure?	;h your current water supply. (1= not satisfied at all; 5= very
the local mobile home communities?	Did you answer "yes" to question #5? If yes, skip to here	
el		5
	Illy adequate on a day-to-day basis?	
ESTION #4, PLEASE SKIP AHEAD TO QUESTION #12		level of interest in connecting your property to the Brookfield T interested):
	ial well-water user, how many people are there in your household?	5 🗆 Would need more information
ne home) es two to fifteen homes)	4 □ 5 □ 6 or more	to pay to connect and receive municipal water service. (1 = no
	ated in the home or other facility served by your well?	- 5 □ Would need more information
	4 or more	y and would need more information
r to your home or property?		imum amount you would be willing and able to pay, including u
4 or more ☐ Unsure	ial well-water user, do you also use your well for any of the following uses?	ts, for municipal water service?
installed?	☐ Yes, landscaping ☐ No, I do not have other significant uses) per month
15-10 years ago	☐ Yes, other	nonth or more 🗆 Unsure
I More than 20 years ago		_
1 More than 20 years ago	tion #16, please describe your level of non-residential water use during the	
	allons/day)	
well type:	gallons/day) Unsure	
)	organizational well-water user, please describe your level of non-residential ison:	-
	allons/day) Heavy user (more than 250 gallons/day)	
	;allons/day) Unsure	Il Planning Commission
e online at www.surveymonkey.com/r/BrookfieldSouthWater	ing issues related to water chemistry impact your water quality? Please mark	-
□ Arsenic	□ pH level □ Bacteria □ Bad taste	line at www.surveymonkey.com/r/BrookfieldSouthWater

This survey is available online at www.surveymonkey.com/r/BrookfieldSouthWater

☐ Bad odor

☐ Manganese

☐ Iron

South Area Water Survey

This survey is available



ousehold/business).

South Area Water Survey Results

Highlights from Survey

- ▶ 61 total responses
- ▶ 100% own their property
- 93% have a private well
- ▶ 39% report Iron being the main issue impacting water chemistry
- 40% very satisfied with current water supply
- 54% have backup generators to power well pump in event of a power failure

- 80% of primary wells were installed over 10 years ago
- 59% have not received maintenance upgrades or repairs in the last five years
- 33% have <u>no interest</u> connecting property to Brookfield Town water supply
- 33% are <u>very interested</u> in connecting to the Brookfield Town water supply
- 57% willing to pay \$30 or less/month for water service plus extension costs



Next Steps

- Final report submitted to EOEEA by June 30, 2019
 - Draft and final reports will be available on www.cmrpc.org
- Brookfield receives "MVP Community" certification
- Annual report to ensure that resilience is a community priority by incorporating MVP results into local comprehensive planning, grant applications, budgets, capital projects, and policies
- MVP Action Grants expected to be available in late 2019
- More information:

www.mass.gov/municipal-vulnerability-preparedness-mvp-program

www.communityresiliencebuilding.com



Thank You

Contact Us for More Information

- CMRPC: Andrew Loew, <u>aloew@cmrpc.org</u> or lan McElwee, <u>imcelwee@cmrpc.org</u>
- Brookfield Board of Selectmen: Clarence Snyder, csnyder@brookfieldma.us
- Brookfield MVP CORE Team: Cathy LaRocca, laroccac@charter.net



Municipal Vulnerability Preparedness Listening Session

Town of Brookfield

June 04, 2019 5:30 PM Brookfield Town Hall 6 Central Street, Brookfield, MA 01506





NAME	AFFILIATION	EMAIL
KATIE WELLS	Resident 29 Gay Rd.	Katie. Wells 2 @ gmail, com
Cathy La Rocca	Grand Wrider/Facilitator, Tanglick	laroccac@ Charter, het
Danielle Kane	Resident 195 Rice Corner	dmlkane@charter.net
Chris Kane	Resident 195 Rice corner	
Saul S.	Troop 159	*
Damion St. Peter	24 town Farm Road	
Noah Aubin	Troop 159 Brookfield	nfcc520@ gmail.com
Mike G.	Trup 159	
Mike Gr.	Troip 159	
Shown At Pott	Troop 159	
Brian & Mason Oxman	Troop 159	

Municipal Vulnerability Preparedness Listening Session

Town of Brookfield

June 04, 2019 5:30 PM Brookfield Town Hall 6 Central Street, Brookfield, MA 01506





NAME	AFFILIATION/Address	EMAIL
SEVE JULIS	AFFILIATION/Address	stere gillis 770 guail con
Robert R. Barnes	ADVISORY BOARD	J 0
Ken Clweland	ADVISORY BUART	KENGCLEVECAND, ADL
Remaille	ADVISORY BOARD	
Jon Regan	Advisory Board	tregan@monger.net
Geoffrey Q. CLACK	Citizen, Advisory Boad (broffield)	Je H.b. clark 350 gmail-com
Christa Le Bryon	Advisory Board	Christaclebrun @gmail.com
Storn wherey	PLANAMA BOARD	SMAHONEY @ BROCKFELD MA - US
Julie Gadbois	Citizer	juliegad4@gmail.com
Fehord Lamoures	CHIZEN	7 7
Steven Lamorreux	Citizen	