

Russell Hazard Mitigation Plan

January 12, 2021 – 6:30pm



FEMA



Catalyst for Regional Progress

PVPC

Agenda

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- Overview and benefits of hazard mitigation planning
- Planning process
- Identify natural hazard concerns and past events
- Questions and discussion

What is Hazard Mitigation?

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FEMA

“Any sustained action taken to reduce or eliminate long-term risk to people and property from natural hazards.”

Examples:

- Limiting development in high-risk areas
- Retrofitting structures to protect them from floods, high winds, etc.
- Minor drainage flood control projects in areas of localized flooding
- Fire safety education



Mitigation vs. Preparedness

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Hazard Mitigation

Planning and zoning

Open space preservation

Education and outreach

Drainage improvements

Emergency Preparedness

Evacuation plans and emergency shelters

Radio communications equipment

Emergency response drills

Benefits of Hazard Mitigation

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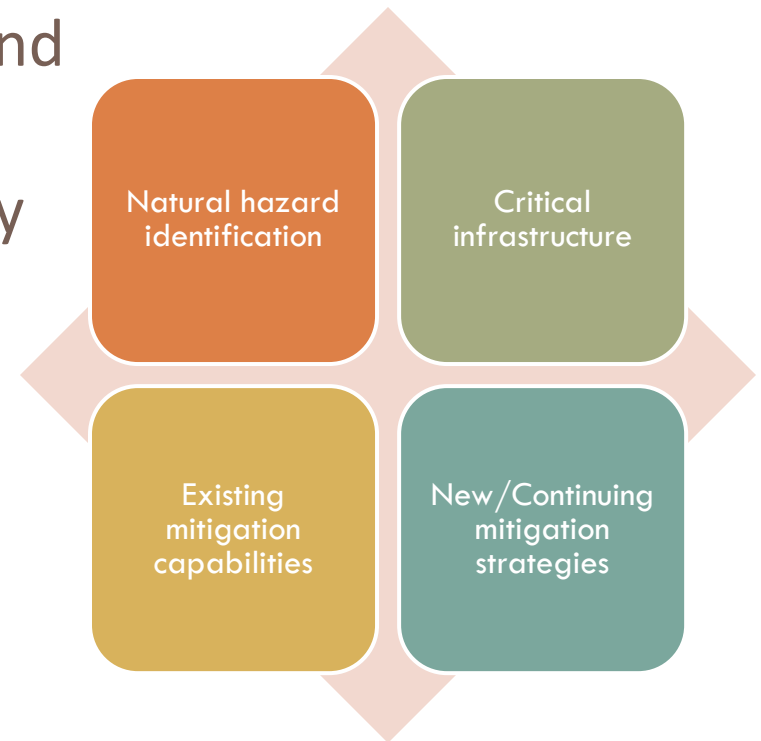
- ❑ Makes community eligible to apply for MEMA/FEMA grant opportunities for hazard mitigation projects
- ❑ Manages Risk
- ❑ Having a plan provides an approach for using limited resources more effectively



Components of a Hazard Mitigation Plan

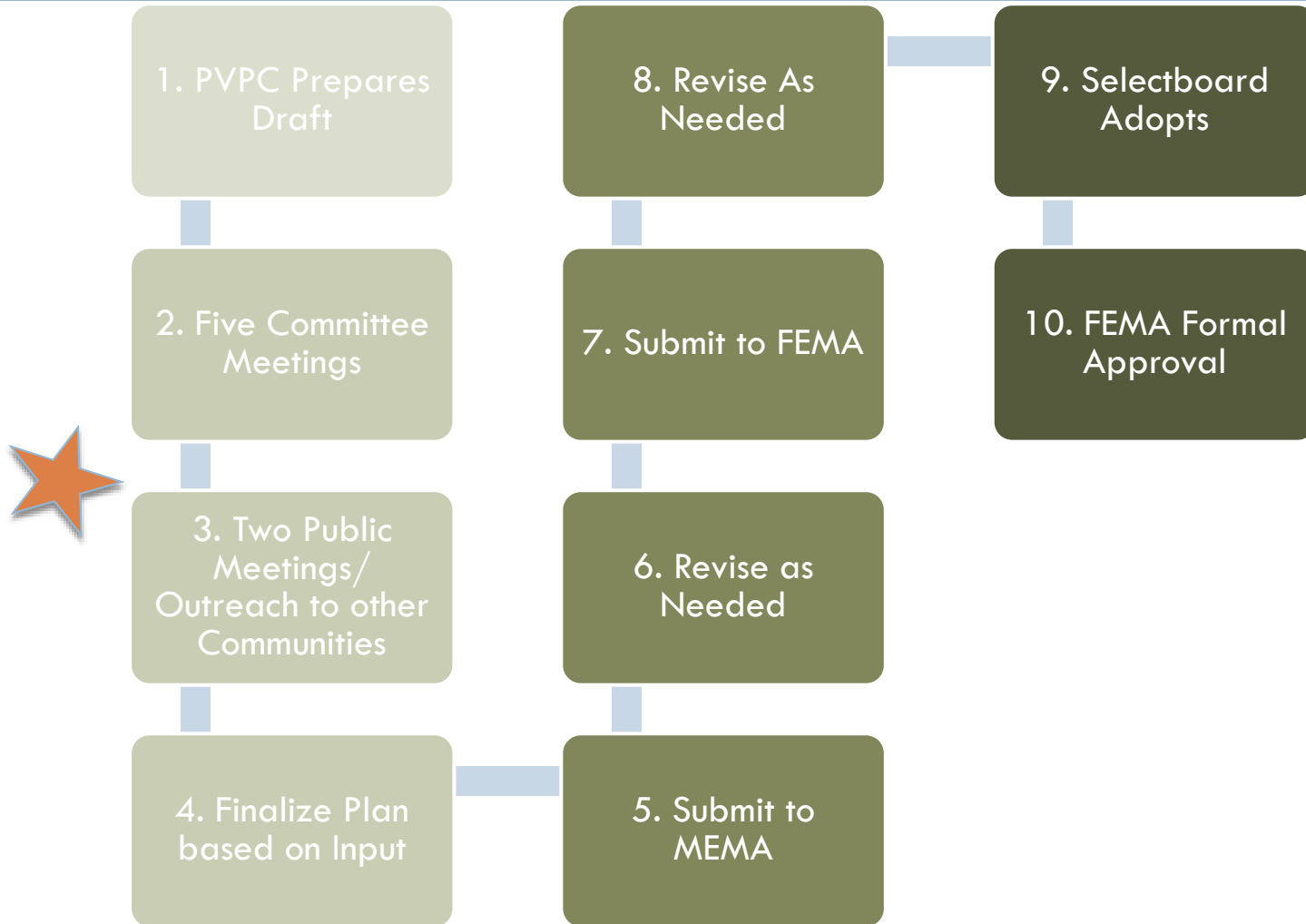
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- What are the hazards in Russell and how is the town (particularly buildings and property) affected by these hazards?
- How effective are current mitigation capabilities?
- What new strategies could be implemented?



Plan Update Process

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Hazards Assessment

Hazard Identification and Risk Analysis

Type of Hazard	Location of Occurrence	Impacts	Probability of Future Events
Flooding (100-yr)	Medium	Critical	Moderate
Flooding (localized)	Small	Limited	High
Dam Failure	Medium	Catastrophic	Very Low
Drought	Large	Minor	Low
Extreme Temperatures	Large	Limited - Critical	High
Wildfire / Brushfire	Small	Limited	Low - Moderate
Hurricane/ Tropical Storm	Large	Limited	Low
Severe Winter Storm / Nor'easter	Large	Critical	High
Severe Thunderstorm / Wind / Tornado	Small - Medium	Limited	Severe thunderstorms: High Winds: High Tornadoes: Very Low
Earthquake	Large	Limited	Very Low
Hazardous Materials	Small-Medium	Limited	Low

Existing Mitigation Capabilities

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- Comprehensive Emergency Management Plan
- Effective Building and Zoning Codes in Place
 - ▣ Including resource protection overlay zones
- Dedicated Staff and Volunteers
- Shelter Supplies and Emergency Generators in Place

Next Steps

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- Committee meets:
 - TBD
 - TBD
 - TBD
 - 2nd Public Meeting, present draft plan
 - TBD



- After meetings, the plan will be revised with comments incorporated and submitted to MEMA and FEMA for comment
- Russell Select will then adopt

Questions for you all....

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- What past natural hazards in Russell have impacted you?
- What are you most concerned about in terms of severe weather events?
- Are there things you think the town should be doing to minimize the impacts of natural disasters?

Thank You!

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Questions?

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