

# Prioritize Mitigation Actions with Enhanced STAPLEE 2024

1/10/2024

## EPSOM HAZARD MITIGATION

Prior (Deferred) Action

2024 New Action (from Problem Statements, Other Discussion)

Ranking Score for Action Completion Achievability

Higher Score = Better Support for Completing Action

Long Term 4-5 Yrs	Med-Long Term	Med Term 3-4 Yrs	Short-Med Term	Short Term 1-2 Yrs
Committee Consensus will score the Actions with this Numerical Scale by answering each STAPLEE question with the best one of five responses.				
NO	NOT CERTAIN	MAYBE	LIKELY	YES
1	2	3	4	5

### Traditional STAPLEE

#### Acronym

- S Social
- T Technical
- A Administrative
- P Political
- L Legal
- E Environmental
- E Economic

The traditional STAPLEE rating system from prior Haz Mit Plans was modernized to better fit the changing needs of communities and to be a more useful prioritization tool.

Action Number	Does the Action..... or Is the Action.....	Reduce Damage? (or Injury)	Contribute to Town Objectives? (Supported by Master Plan or long term goals?)	Meet Regulation s? (If there are any)	Protect Sensitive Structures? (Buildings, roads, culverts, human-made things?)	Implemented Quickly? (See also Action Plan for Timeframe)	Socially Acceptable? (People/ neighbors like project)	Politically Acceptable? (Public Officials & decision makers like project)	Administratively Realistic? (Have admin skills, permitting, other paperwork)	Technically Feasible? (Have tech skills, technology or special equipment)	Have a Reasonable Cost to Benefits Gained? (Will project save \$\$ in long term?)	Legal? (Or will be legal upon completion)	Support or Protect the Environment? (Natural resources?)	Have the Funding? (Can funding be obtained?)	Have Necessary Staff or Volunteers?	Support Historic Preservation? (Sites, neighborhoods, culture?)	Ranking Score 15-75
#70- 2018	Revise Zoning Ordinance to Require Emergency Generators on All New Telecommunications Towers to Reduce the Impact of Storms, Wind, Fire and Winter Events			5								5					10
#93- 2024	Campgrounds Zoning Ordinance - should have 2-way egress. Are new private or seasonal campgrounds allowed in the PB Zoning Ordinance? If so, should develop a regulation against campgrounds in the floodplain and other low-lying areas.			5								5					10
#94- 2024	Seek an alternate emergency communications tower or other option to ensure the emergency communications are not disrupted.			5								5					10
#95- 2024	Revise PB/Highway road construction standards to require two-way egress on new major developments over 6 lots.			5								5					10
#96- 2024	Approve new Emergency Management CRF to save for Mitigation and Preparedness Projects			5								5					10
#xx-2024				5								5					10
#41- 2012	Equip Public Buildings with Sprinkler Systems to Provide Fire Suppression			5								5					10
#46- 2012	Study and Rehabilitate Both Cass Road Bridges to Reduce Effects of Floods, Ice Jams, Erosion and Scouring			5								5					10
#48- 2012	Raise the Village District Well House Out of the Floodplain to Prevent Flooding of the Facility			5								5					10
#72- 2018	Retrofit the Epsom Central School with Sprinkler Systems to Provide Fire Suppression			5								5					10
#74- 2018	Produce an Engineering Study of a Third Well for Epsom Village Water District for Future Fire Suppression Needs			5								5					10
#75- 2018	Negotiate with Developer to Retroactively Install a Cistern on Gauthier Way for Fire Suppression			5								5					10
#92- 2018	Reconstruct Leighton Brook Road to Protect from Floods and Erosion - Upgrade Old Town Road over Leighton Brook as a box culvert.'			5								5					10
#97- 2024	Install radiant-style heating system on the flat roofs of the Epsom Central School to reduce the impact of snow load.			5								5					10
#98- 2024	Replace the waterline from the four corners Black Hall Road/New Rye Road Intersection to the end of service at Short Fall Road.			5								5					10

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#99-2024	Request the State comply with their EAP for Northwood Lake Dam including vegetation removal, regular communication with the Town of Epsom and TTX drills.			5								5					10
#100-2024	Promote the Center Hill Road Bridge over the Little Suncook River as the priority to get into the NHDOT 10-Year Plan.			5								5					10
#101-2024	Investigate lightning protection options for Town facility and historic buildings.			5								5					10
#102-2024	Obtain a rental Agreement with local distributors for a large portable generator that could be used at any Town facility during a public health or power failure.			5								5					10
#103-2024	Consider purchase or rental of a battery for use by critical priority devices in extended power failures.			5								5					10
#104-2024	Establish agreements with the Library and the Epsom Bible Church for their use as temporary warming or cooling shelters.			5								5					10
#105-2024	Upgrade ___ Culvert over ___ River/Brook to Reduce the Impact of Flood and Storm Events			5								5					10
#106-2024	Upgrade ___ Culvert over ___ River/Brook to Reduce the Impact of Flood and Storm Events			5								5					10
#107-2024	Upgrade ___ Culvert over ___ River/Brook to Reduce the Impact of Flood and Storm Events			5								5					10
#1xx-2024				5								5					10
#76-2018	Purchase and Conserve Large Lots on Sanborn Hill and Center Hill as Identified by Bear Paw Regional Greenway to Enable Trails for Fire and Tree Debris Access			5								5					10
#77-2018	Produce a Study on the Brownfields Sites (Getty Station and Gossville Hotel) to Reduce Environmental Contamination of the Traffic Circle			5								5					10
#108-2024	Check to see if there will be enough capacity in Town Cemetery without the need for additional land to ensure appropriate long-term placement of interments.			5								5					10
#109-2024	Visit potential Haz Mat Tier 2 facilities and encourage them to report on-site materials as required to the NHDES/Fire Dept/REPC to discourage chemical, haz mat material dumping in Town forests and raise awareness of potential danger to people and facilities. Develop a process for other businesses to self-report.			5								5					10

DRAFT Actions & Titles to be finalized

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#110-2024	Undertake Town Forest Road access improvements, fire suppression improvement with a cut lot in 2024.			5								5					10
#xx-2024				5								5					10
#54- 2012	Educate the Public on the Effects and Impacts of Dams Which Can Alleviate Flooding Conditions			5								5					10
#79- 2018	Educate the Adult Public, Town Staff and Volunteers on Instructor-Level ALICE to Reduce Impacts of Human Hazards in Buildings			5								5					10
#81- 2018	Educate Homeowners About Options on Hazardous Tree Removal to Reduce Storm Damage			5								5					10
#82- 2018	Upgrade the Rail Trail Between the Route 4 to Short Falls Road to Reduce Erosion and Washouts			5								5					10
#112- 2024	Engage in a Public Outreach Campaign to Ensure More Business and Residential Property Owners Anchor Their Mobile and Stationary Tanks to Reduce the Risk of Explosion During River Flood and Wind/Tropical Events and Develop a System for These Requirements During New Inspections			5								5					10
#113- 2024	Seek private ROW easements for Chestnut Pond, Old Turnpike, Birch Lane for fire access and secondar emergency egress. Include public info & education for support of residents.			5								5					10
#114- 2024	Develop a plan to check in with vulnerable populations during wind and weather events.			5								5					10
#115- 2024	Obtain a drone for public safety location on the Town Forest trails. GPS to be programmed to person			5								5					10
#116- 2024	Develop better trails maps for the public and responders can know exactly where to go. Kiosk and real-time electronic version of the trail maps (apps).			5								5					10
#xx-2024				5								5					10
#xx-2024				5								5					10
				5								5					10
				5								5					10
				5								5					10