

ALLENSTOWN HAZARD MITIGATION PLAN MARCH 2021

Action Implementation Status	
ACTIVE /	Status Report
HOLD	Not Ready
DELETE	Why?
Fully Completed	When?

2010 / 2015 (Deferred) Action	Short Term 1-2 Years	2022-2023
2020 New Action	Medium Term 3-4	2024-2025
	Long Term 4-5 Years	2025-2026

LOCAL PLANNING AND REGULATION ACTIONS

ACTIVE or HOLD?	MONTH & YEAR BEGIN or ONGOING?	Roundtable Status Reports by HMC Mtg Attendees OR Progress Reports 01-25-22	Name of Main Person Responsible for Action?	Action Number	Action	Action Timeframe	Ranking Score Relative Ease of Completion	Who is Responsible	Approx Cost to Town	Description and Evaluation of Action	What Approximate Cost Will Pay For	How Funded
				#11-2010	Request Bear Brook State Park Management Plan Update from NH DRED and Integrate into EOP to Reduce the Impact of Wildfire, Lightning, Tree Debris in the Park	Short Term 1-2 Years	63	Emergency Management	\$0	Plan is currently underway in 2020 by a Committee which includes the Town. State agencies including NH DNCR are undertaking this effort.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#13-2010	Update Wetlands Ordinance to Reflect New NH DES Standards to Reduce Risk of Erosion and Flooding	Short Term 1-2 Years	69	Planning Board	\$5,000	Updated 2017, working on MS-4 changes presently. Finish MS-4 by 2021. NHDES culvert replacement standards and requirements have changed. The Wetlands Ordinance needs to be revised accordingly.	Cost is for consultant to update the ordinance.	Planning Board Operating Budget
				#28-2015	Number New Properties in Compliance with 911 Ordinance to Reduce the Risk of Injury from All Hazards	Short Term 1-2 Years then Ongoing	66	Fire Department (State) / Code Enforcement (Town Ordinance)	\$0	New construction only. Completion will ensure the entire town is in compliance with the standards and the ordinance. Renumbering may need to occur, but new developments will need to have new numbers.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#54-2015	Update the Zoning Ordinance to Comply with NFIP Requirements to Reduce the Impact of Flood & River Hazards <i>Suncook River Plan Action</i>	Short Term 1-2 Years then Ongoing	66	Planning Board	\$0	The Zoning Ordinance needs to be updated as new requirements to the National Flood Insurance Program are necessary for retention of NFIP participation. The Floodplain Ordinance protects life and property by regulating distance of structures to flood hazard areas, regulating elevation, clarifying definitions, regulating new structures and encroachments, stating duties of the Code Enforcement Officer, etc. In 2010, the Town adopted the recommended updates to the ordinance. The existing ordinance is amended with federal updates on a recurring basis. Regular activity whenever updates are required by FEMA	Cost is \$0 due to in-kind staff and/or volunteer labor, and language is provided by the NH Office of Energy and Planning.	N/A
				#60-2015	Develop IT Security Procedures to Reduce the Risk of Cyberattack	Short Term 1-2 Years then Ongoing	66	Town Administrator	\$0	Development of town wide IT security procedures will lessen the frequency and magnitude of cyber terrorist acts. Town has an update policy and a consultant. Multiple Departments need access to cloud and the IT consultant sets this up.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties	N/A

Review and Implementation of Mitigation Action Plan for 2022-2023

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2010 / 2015 (Deferred) Action
2020 New Action

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				#61-2015	Develop Spill and Chemical Response Plan for Allenstown Wastewater Treatment Facility to Reduce the Long Term Risk Haz Mat Incidents and Water Quality Issues	Short Term 1-2 Years	69	Allenstown Wastewater	\$0	Original in 1990, updated Mar 2013. Required for MS4 compliance and EPA regulations that pertain to the Wastewater Treatment Facility (WWTF).	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties	N/A
HOLD				#66-2015	Update the 2016 Master Plan with Current 2020 Census Data to Provide the Basis for Sensible Natural Hazard Regulation and Ordinances	Long Term 4-5 Years	60	Planning Board	\$16,000	The Master Plan would have provisions to limit the impact of disasters if it were updated. Several Chapters have been in the process of revision. The PB would like to begin updating around 2023.	Cost is for consultant services through Central NH Regional Planning Commission to re-write the plan.	Grant through CNHRPC, Planning Board Operating Budget
				#67-2015	Update the 2021-2026 CIP Annually to Add Hazard Mitigation Projects to Ensure Funding for Infrastructure Projects to Protect the Town from Natural Hazards	Short Term 1-2 Years then Ongoing	73	Planning Board	\$0	Update the CIP yearly to incorporate the year's priority hazard mitigation projects or capital reserve funds deposits. Regular activity, annual update planned. Haz Materials Cleanup CRF has not been drawn from for several years (>\$7,000), could transfer into a different CRF such as Fire Dept Equipment CRF, Emergency Management Response CRF or Road Reconstruction CRF. (Regional Haz Mat Team is now available, FD donated materials).	Cost is \$0 for in-kind staff and/or volunteer labor. Labor conducted during normal duties	N/A
				#73-2020	Revise and Implement Protocol for a Staff and Volunteer Annual Password Change for Access to the Town Cloud Intranet System to Reduce the Risk of Cyberattack	Short Term 1-2 Years	66	Town Administrator	\$0	Widespread implementation of an existing written Cyber Security Policy protocol for an annual (now quarterly) password changing is necessary for all staff and volunteers. A cyber attack would significantly impair Town business in any Department. Town has an intranet. Town records are stored in the cloud. Have 3 daily redundant, cycling systems used for backup. Regular virus checks. Quarterly may be too aggressive for people to remember.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties	N/A
				#74-2020	Require Developers to Upgrade Private Roads and Wood Roads to a Class V Town Road Standards When New Developments Are Approved to Reduce Long-Term Winter, Wind, Debris, Wildfire Risks to Resident Safety	Short Term 1-2 Years then Ongoing	70	Planning Board with Board of Selectmen and Building Inspector	\$0	Improvements to the existing Class VI road policy. Future development on a large backland lot would require a new or upgraded road to Town standards to access the lots, requiring both Planning Board and Board of Selectmen approval. Building and other permits required too. Wetlands and easements may impede sale and building of backlots. The owner or developer may not know or disclose the situation. Develop as part of the PB application process as a condition of approval.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties	N/A

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				#75-2020	Revise the Subdivision Regulations to Stipulate Phasing of Large Developments Over a Number of Years to Reduce Long Term Risk of Treefall, Wildfire, Service Overload	Short Term 1-2 Years	70	Planning Board	\$0	Should multiple large lots or legacy lots become developed within a short period of time, they could overwhelm the Town services in the Main Street area (water & sewer) or for the rural section of Town, schools, fire, police, rescue, highway, services would be impacted. Impact fees for all Town services are being considered through the CIP. Sewer has a \$4,500 connection fee for a new user (3 bedroom home), and developer would have to pay for connection to the new subdivision. PB will evaluate development vs capacity of services	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties	N/A
HOLD				#76-2020	Recommend Fire Suppression Systems or Cisterns in New Single Family Homes and Developments to Reduce the Impact of Lightning, Wildfire and Fire	Long Term 4-5 Years	70	Planning Board/ Building Permit Process	\$0	Fire suppression systems can differ depending on where the home is located or the type of home. Options could include sprinkler systems, cisterns, fire hydrants, dry hydrant, fire pond, etc. The cost may be prohibitive when added to homes and neighborhoods.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties	N/A
HOLD				#77-2020	Update the Excavation and Reclamation Regulations to Assist with the Annual Review and Permitting of Operations and Blasting and Ensure the Regulations Contain Current Standards to Reduce the Risk of Landslide	Medium Term 3-4 Years	70	Planning Board	\$1,500	During the heavy, concussive blasting at Allenstown Aggregate felt by downtown residents, the ledge can slide down resulting in a landslide. Much care is taken. After each blast, the hill will be loosening overall and affecting the integrity of the existing land around. Blasting is performed under controlled situations, about once every other month. Can only blast during certain hours and must call abutters day before and ½ hour before. Notifies Town, which notifies all Depts. Excavation Regulations and PB procedures like a site walk in place before annual renewal. Abutters would complain, have not to date.	Cost is for consultant	Planning Board Budget
HOLD				#78-2020	Develop Regulations Relating to Spill Response Control Plans for Businesses into the Site Plan Review Regulations to Reduce the Long Term Risk Haz Mat Incidents and Water Quality Issues	Medium Term 3-4 Years	70	Planning Board	\$1,000	A severe earthquake can cause any of the haz mat businesses to release their contaminants into the stormwater system or groundwater table.	Cost is for consultant	Planning Board Budget

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HOLD				#79-2020	Modify the Subdivision Regulations and Site Plan Review Regulations to Add Requirements for Secondary Egress to Certain High Density or Geographically Isolated Developments to Reduce Long-Term Winter, Wind, Debris, Wildfire Risks to Resident Safety	Medium Term 3-4 Years	70	Planning Board	\$0	Secondary egress is being required for the incoming site plan assisted living facility on NH 28 / Chester Turnpike for evacuation. (Business across the street, pharmaceutical, records storage, or vehicle crash.) Secondary access is being required for this facility. Not required from PB, usually from Fire or Police Dept.	Absorption into current consultant fees	Planning Board Budget
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STRUCTURE AND INFRASTRUCTURE PROJECT ACTIONS

ACTIVE or HOLD?	MONTH & YEAR BEGIN or ONGOING?	Roundtable Status Reports by HMC Mtg Attendees OR Progress Reports 01-25-22	Name of Main Person Responsible for Action?	Action Number	Action	Action Timeframe	Ranking Score Relative Ease of Completion	Who is Responsible	Approx Cost to Town	Description and Evaluation of Action	What Approximate Cost Will Pay For	How Funded
				#14-2015	Establish Culvert Replacement Program to Reduce the Impact of Flood Conditions <i>Suncook River Plan Action</i>	Short Term 1-2 Years then Ongoing	68	Highway Department	\$250,000	Road washouts and flooding conditions would strand residents in some locations. Ineffective culverts to upgrade include those at: 28 Dodge Rd, 64 Chester Turnpike, all of Albin Ave under drainage and 3 catch basins, 105 Wing Rd, 186 Deerfield Road. Get the program operational to be self-sustaining until it is able to be updated annually. A BCA is needed for funding > 1.0. Mostly a reactive program until a need occurs.	Cost is roughly estimated at \$50,000 for each culvert (5), which include materials, equipment rentals, potential engineering and permitting. Regular labor for installation is provided in-kind by the Highway Department.	Hazard Mitigation Grants Program (HMGP), Highway Operating Budget, Pre-Disaster Mitigation (PDM)
HOLD				#16-2015	Upgrade Mount Delight Bridge Culvert over Pease Brook to Reduce the Impact of Flood Conditions <i>Suncook River Plan Action</i>	Long Term 4-5 Years	62	Highway Department	\$300,000	The existing one 3' and one 4' culvert side-by-side are not adequate for water pass through and need to be replaced. A box culvert is now needed. [Voters voted the \$152,000 culvert grant down in 2007, a scope and quote provided at the time by Advanced Excavation. By 2021, a replacement culvert is twice the annual highway budget. Funding is needed from an outside source.	Cost includes a precast box culvert with wing walls, 80' of new guardrails, raising the profile of the roadway 18" for 200-250 feet, and labor and equipment by a contractor. Permitting fees and possible engineering would be extra cost. Grant funding is necessary.	Hazard Mitigation Grants Program (HMGP), Highway Operating Budget, Pre-Disaster Mitigation (PDM)

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HOLD				#18-2015 Encourage the Placement of Cisterns in Developed Rural Areas without Water Supply for Fire Protection	Medium Term 3-4 Years	65	Fire Department	\$0	New cisterns should be added to the rural areas of Wing Road (1.5 miles away from cistern), Old Town Co-op (manufactured housing), and Catamount Hill Co-op (manufactured housing) - the Town should approach about adding a new water system. There are no hydrants in these populated areas, no adequate water supply for fire suppression, no nearby streams or brooks, and fire trucks have to tank in their own water to fight fires in these areas. (In newer neighborhoods, cisterns have been placed). Newer cistern neighborhoods have better fire suppression success.	Cost is to the Town is \$0 for volunteer and staff work. The cost would be borne by private property owners for tanks, site work, purchase of property, permits, Cost is also for work done by a contractor for each of the three cisterns at \$50,000 each.	PDM grant funding, USDA Rural Development grant funding
				#22-2015 Work with NOAA and USGS to Upgrade Route 28 Stream Gage to Provide Water Level Predictions to Reduce the Risk of Injury During Flooding Events <i>Suncook River Plan Action</i>	Short Term 1-2 Years	74	Emergency Management	\$3,000 annually	Gage was upgraded to (auto) wireless on NH 28 around 2015. Had a 6-year grant which expires in 2021. Town will pay itself \$3,000 annually. The ability of the River gage in Allenstown to predict water levels would provide early warning and emergency planning to reduce the risk of injury, death and property damage. Did meet with them in July 2019.	Cost is for the monitoring costs of the USGS.	Emergency Management Line Item Budget
				#80-2020 Pursue Secondary Egress Options to the Bailey Avenue Water Works Tank, Including a Locked Emergency Gate on US 3 to Ensure Access During Winter, Fire or Wind Events	Short Term 1-2 Years	41	Board of Selectmen with Police Department and Pembroke Water Works	<\$100	The Pembroke Water Works tank in Hooksett is accessible only via Bailey Avenue (enters onto US 3). If the tank had an immediate release, there would be a significant amount of water coming down onto Bailey Avenue where a large volume of traffic travels and would impede the only access to the tank itself. There is nothing the Town could do if the tank breaks. The water will find its way to Iris Pond. Although catastrophic failure is unlikely, if the tank needs to be painted inside, the water must be released. Water tower maintenance program, tank lid should have a lock, flooding could be an issue based on urgency of draining the tank.	There is a path that gets partially up the hill. It is behind a locked gate belonging to US Cellular. A know box or similar situation would all that would be needed.	Police Dept Budget
				#81-2020 Inventory, Evaluate and Replace Any 48" Inverted Rusted, Blocked Culverts in Town to Reduce the Impact of Flood Conditions	Short Term 1-2 Years	68	Highway Department	\$0	All permanent bridges in Town may survive being underwater in a flood but the road and soil could be eroded. Should inverted metal culverts on NH 28 or on any road could be bent from water force, soil erosion and infrastructure damage might occur. Only a few may be the Town's. Those found to be the State's should be encouraged to be inspected regularly.	No estimate is yet available for replacement, but the Cost for inventory and evaluation will be in-kind staff and volunteer labor costs. Any replacement will require excavator rentals and other replacement rentals as well as materials. At this time, the number and type are unknown.	N/A

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				#82-2020	Install Dry Hydrants to Create Easier Access to Water Sources to Provide Water Supply for Fire Suppression	Short Term 1-2 Years	67	Fire Department, with Highway Dept assistance	\$6,000	Optimal location is at the north end of Riverside Drive at the pond, off of NH 28. Clear some of the brush away for apparatus parking. Would enable fill up for Pine Acres development fires also. If this location does not work, a secondary location could be identify. Depending on location, an easement may be needed which would increase the expense.	Cost is for 1 dry hydrant and one PVC pipe.	Fire Department Budget
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NATURAL SYSTEMS PROTECTION ACTIONS

ACTIVE or HOLD?	MONTH & YEAR BEGIN or ONGOING?	Roundtable Status Reports by HMC Mtg Attendees OR Progress Reports 01-25-22	Name of Main Person Responsible for Action?	Action Number	Action	Action Timeframe	Ranking Score Relative Ease of Completion	Who is Responsible	Approx Cost to Town	Description and Evaluation of Action	What Approximate Cost Will Pay For	How Funded
HOLD				#1- 2010	Apply for Additional Funding to Voluntarily Purchase 10 More Homes in the Floodplain to Reduce the Long Term Risk of Damages and Increase Flood Capacity <i>Suncook River Plan Action</i>	Long Term 4-5 Years	49	Emergency Management	About \$300,000 for all 10 homes	No flooding has occurred but the possibility exists for future flooding. Current lack of interest by homeowners. Voluntary purchase of flood-prone homes removes people from the floodplain, which gives a 100% guarantee to eliminate risk to property and lives. Five phases have already been completed (32 homes acquired) and two more phases are hoped for to purchase the remaining 10 homes. No flooding has occurred since the last (2015) Plan.	Cost would be for the assessed valuation of the 10 previously identified homes (\$100k est. each). Additional cost for each home would include around \$16,000 demolition (\$16,000), legal \$1,600, (\$16,000), and \$2,800 administration (\$28,000). 75% would be covered by the FMA program.	Flood Mitigation Assistance (FMA) 75/25 grant funding

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HOLD				#2- 2010	Work with NHDES on Suncook River from Downstream to Upstream to Mitigate Allenstown Flood Hazards <i>Suncook River Plan Action</i>	Medium Term 3-4 Years	58	Emergency Management	>\$100,000	No flooding since the last (2015) Plan. Eroding banks in the area of Map 5A's 26ER could cause debris flow and inundation flooding as well as channelized flow. Potential problem areas include 29 ER at Swiftwater Condo where bank armoring could be pursued. In this location it would be possible to physically bring riprap and material to the bank easily. Any program would necessitate starting downstream and working upstream to reduce erosion potential. Erosion on oxbow curves are of particular concern. The projects might prevent the further erosion of land in Allenstown. The sediment from Epsom fills the Suncook River channel in Allenstown, which makes the flooding more dramatic here. Project components could include studies, permits, equipment, purchase of property, bank armoring, additional flood storage capacity, etc. The NH DES and NH Geological Survey would be consulted to ensure proper handling of floodplain projects, etc.	Cost is unknown as the potential projects are not yet determined but are assumed to be high. PDM grants could fund the different river projects identified.	Pre-Disaster Mitigation (PDM) grant funding
				#3- 2010	Perform Drive-by Tree Examinations and Notification of Utility Companies to Reduce the Risk of Tree Fall and Utility Failure During Storms	Short Term 1-2 Years then Ongoing	66	Highway Department	\$0	PSNH, Unital, and NH Cooperative are Allenstown's electricity providers. While driving the roads, the Highway Department informs them when trees are in need of trimming to be pro-active in avoiding as many power disruptions as possible. The companies send Asplundh to cut down the dangerous trees. Deferred from 2010 because this is an Action to be repeated at regular intervals in order to be effective	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
HOLD				#20- 2015	Consult with NH Geological Survey to Evaluate Bank Armoring of Town Owned Mass-Failure Properties (FGA) to Plan for Appropriate Mitigation Measures	Long Term 4-5 Years	47	Town Administration	\$0	No flooding has occurred but the possibility exists for future flooding. Assess the areas requiring support, talk with officials to assess Town owned land. Purpose is to use riprap to prevent more mass failure. Task performed off season by HD, placing the riprap with rented machinery. Several places of Mass Failure were mapped, consult w/ NHGS. Complete in phases, different sections each year until completed. Conservation Commission, Highway Department, NH Geological Survey	Cost is for consulting. If issues are found and could be addressed, will be added to future mitigation action plans.	Land Use Change Tax Fund
				#29- 2015	Certify Highway Department Staff to Become Certified NHDES Culvert Maintainer (FGA) to Reduce the Risk of Major Flooding Damage in Certain Culvert Locations	Short Term 1-2 Years	70	Highway Department	\$0	The NH DES has a program by which municipal HD members can train to become Certified Culvert Maintainers. The advantage is the ability to allow small upsizing of culverts without a permit.	Cost is free for certification for at least 1 HD member.	Highway Dept Operating Budget (if a fee is necessary)

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HOLD				#83-2020	Investigate How to Obtain Access to Another Community's HHW Collection or Investigate Holding the Town's Own HHW Collection to Reduce the Long Term Risk of Haz Mat Spills and Water Quality Degradation	Medium Term 3-4 Years	56	Transfer Station/ Solid Waste Department	\$5,000	There has not been an annual Household Hazardous Waste Collection Day (check with Highway Dept) since several years 6-7 years since last HHW day. Town went to Raymond one year. This is a high-cost project.	Cost is for holding one HHW collection day; since no preliminary investigation on costs and feasibility have been performed, this estimated figure may be far off the actual cost.	[NHDES Solid Waste may have funding to help Allenstown get started since Town hasn't held one for years.]
				#84-2020	Obtain, Review and Archive NHDES Private dam Emergency Action Plans (EAPs) and Dam Operational Plans (DOPs) to Reduce the Risk of Inadequate Infrastructure	Short Term 1-2 Years	74	Emergency Management	\$0	Most plans are completed by engineers. Should the Pembroke Dam breach or fail, the canal should take most of the water, but the Emerson Mill buildings might be flooded. This section is in Pembroke. The Suncook River can hold a significant amount of water which could flood part of the downtown. It is not thought to be able to overflow. Perfect storm: Pembroke Dam breach and ice hung up on it, and an ice jam during the winter could hit the Main Street bridge. If this occurred, at the same time could be catastrophic to the Town. Webster Mill Dam holds in Iris Pond, so if it were breached, it could have the potential for damaging the Main Street area. Refer to the 2015 Haz Mit Fluvial Erosion Hazard (FEH) Map series.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
HOLD				#85-2020	Evaluate Cemeteries and Establish a Program for Filling in Subsiding Older Graves to Reduce Erosion and Subsidence	Medium Term 3-4 Years	71	Highway Department	\$0	Old Kenison East and West Cemeteries have about 1 dozen graves sunken 2-3 feet that should be filled in. Burial materials and remains can be exposed during severe weather and as land subsides over time. Cemetery maintenance is limited to mowing usually. Some other old cemeteries may be experiencing similar issues. Town has a Cemetery Society	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#86-2020	Establish an Inspection and Cutting Program of Hazardous Trees at Town Cemeteries to Reduce the Number of Limbs Falling on Headstones (Historical Site Destruction)	Short Term 1-2 Years	64	Highway Department	\$0	Trees can fall down onto gravestones and break them during bad ice storms or wind & rain storms. Those stones set near the edge of the tree line are particularly vulnerable.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A

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				#87-2020	Encourage the State to Purchase and Install Public Access Webcams on the Oak Hill Fire Tower for Fire Monitoring in BBSP to Reduce the Impact of Lightning and Wildfire	Short Term 1-2 Years then Ongoing	52	Fire Department	\$0	Wildfire, lightning, and windstorm, ice storm or severe earthquake could be detrimental to the historical sites of Allenstown, particularly in Bear Brook State Park. Fire tower staffing – Kearsarge is operational but not staffed until high fire danger. Oak Hill sometimes staffed as well during high fire days. State has been using air patrols. Drones only used during an incident, not for fire danger. If the State could purchase public access webcams, citizens would be available to monitor the cameras. Also encourage the state to cut back the tree line around the towers.	Cost is \$0 to the Town for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#88-2020	Evaluate Iris Pond Ice Thickness to Estimate Potential Ice Floes/ Ice Jam Conditions	Short Term 1-2 Years	74	Emergency Management	\$0	Ice thickness can give an idea on the potential issues related to an ice jam at the southern end of the Pond at the dam. May not be an issue if it does not get too thick, but the evaluation should be done. Debris can be carried and if ice is combined with floodwaters, the water can be backed up along the bank to the bridge. An Ice core from ice fishing on the pond can be provided for the measurement.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#89-2020	Consider Retaining Tax Acquired Properties in Flood-prone Areas to Provide Additional Flood Storage Capacity During Floods	Short Term 1-2 Years	60	Town Administration	\$0	Additional floodplain capacity along the Suncook River and Merrimack River could be found through tax deeded parcels. The Town retains the properties 3 years after they are tax deeded. No extra costs are involved to keep the properties, and the Town can ensure they are not sold if they are in flood-prone areas.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#90-2020	Undertake Possible Brownfields Investigation on the Railroad Property South of Ferry Street for Rail Trail Use to Reduce the Risk of Injury from Hazardous Materials	Short Term 1-2 Years	58	Town Administration	\$3,000	Properties in process of purchase. Determine whether there are brownfields onsite through Phase I investigation. May have coal or creosote railroad ties from the trains that people could take	Cost is for a consultant to prepare a Phase 1 brownfields assessment.	Leftover Brownfields funding from CNHRPC or from Allenstown Recreational Reserve Fund CRF

EDUCATION AND AWARENESS PROGRAM ACTIONS

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	Long Term 4-5 Years	2025-2026

				#5- 2010	Continue to Offer Fire Prevention and Public Education Programs to Reduce the Risk of Fire and Wildfire	Short Term 1-2 Years then Ongoing	73	Fire Department	\$1,000 annually	Fire Prevention and Public Education are offered through the schools and Open Houses. The Open Houses also provide Fire and EMS education. Deferred from 2010 because this is an Action to be repeated at regular intervals in order to be effective. Regular annual public programs are in place	Cost is for materials and salaries for personnel participating in education programs.	Fire Department Operating Budget
				#7- 2010	Participate in National Flood Insurance (NFIP) Training to Increase the Understanding and Application of Floodplain Regulation <i>Suncook River Plan Action</i>	Short Term 1-2 Years then Ongoing	71	Emergency Management	\$0	In order for Planning Board members, Zoning Board of Adjustment members, Town Administration, and the Building Inspector to remain current with NFIP procedures and policies, regular training must be taken. This training would broaden the Town's identification of building projects that may be in the floodplain. Workshops are offered by the State and/or FEMA (or in other training) and addresses flood hazard planning and management. This is an Action to be repeated a repeated at regular intervals to be effective.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#30- 2015	Investigate the Formation of a Citizen Emergency Response Team (CERT) with the Assistance of the CAPHN to Improve Community Outreach and Safety Participation	Short Term 1-2 Years then Ongoing	73	Fire Department	\$500 annually	Citizen readiness to respond and endure disasters reduces the impact of disasters and there costs. A Regional CERT is supported by and recommended by the Capital Area Public Health Network and can be supported by the local American Red Cross.	Cost is for materials for citizen education.	Fire Department Operating Budget
				#32- 2015	Educate Landowners and Homeowners about Erosion Mitigation and Private Culvert Maintenance (FGA) to Reduce the Impact of Floods on Private Land	Short Term 1-2 Years then Ongoing	68	Emergency Management with Highway Department	\$1,500	Owners can try to fix their own drainage issues using materials made available by the town: an information packet, posting on the town website, and producing or making available existing brochures. Many banks of the river are eroded and they are on private property. To help reduce erosion, develop a brochure on the importance of vegetated buffers and provide specific guidance of what landowners can do. Develop and mail brochures to 60+ riverfront landowners, see website. Consider outside kiosks, BBSP, Post Office, gas stations, Town Office, Library for locations. Information sources include UNH Coop Ext, NHDES, NRCS, NHGS, FEMA etc.	Cost is for printing materials, mailing costs, \$1,500 per kiosk at the Town Hall.	Emergency Management Budget
				#39- 2015	Hold Active School Shooter Training Exercises to Reduce Human Casualties During Actual Events	Short Term 1-2 Years then Ongoing	71	Police Dept	\$14,000 annually, depending upon scope	Hold trainings in all 4 schools (Elementary School, Armand Dupont Middle School, PACE Academy, Pine Haven Boys Center) annually. Involve with MUA PDS, CNHR Spec Op Units, FD, Schools, Tri-Town Ambulance. Last held in March 2020 and before then in Aug 2019.	Cost also for supplies and consultants to coordinate and evaluate the exercise. Cost is for salaries for OT	HSEEP Grant, Police Department Operating Budget

Review and Implementation of Mitigation Action Plan for 2022-2023

ALLENSTOWN HAZARD MITIGATION PLAN MARCH 2021

Action Implementation Status	
ACTIVE /	Status Report
HOLD	Not Ready
DELETE	Why?
Fully Completed	When?

2010 / 2015 (Deferred) Action	Short Term 1-2 Years	2022-2023
2020 New Action	Medium Term 3-4	2024-2025
	Long Term 4-5 Years	2025-2026

HOLD				#91-2020	Encourage Olympus Pizza to Consider Mitigating Future Flood Damage and Offer Assistance with Grants and Engineering Solutions	Medium Term 3-4 Years	60	Building Inspection, with Town Administration and Emergency Management assistance	\$0	Flooding is experienced at Olympus Pizza during heavy rain. Puddle near the back door. The slope of Granite Street channels the water into the business. Would encourage planting greenery, but all pavement. The catch basins are too high, might have to berm or curb the water to redirect to the nearest storm drain, although those are higher up the hill. Mitigation is cost prohibitive and not the responsibility of the Town. Refer to existing FEMA info on floodproofing options to present to landowner. Possible solutions could be to construct Cape Cod berms, reconstruct their drainage to prevent flooding of their building, to plan for a water vacuum and sandbags, or for wet floodproofing	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action. Any project costs would be borne by the private business.	N/A
				#92-2020	Provide Public Education on Safe, Proper Internet and Email Protocol and Current Cyber Scams and Encourage Cybersecurity Diligence	Short Term 1-2 Years then Ongoing	67	Police Dept	\$0	Any home, facility or business in Allenstown connected to the internet is vulnerable to cyberattack. PD currently provides scam trainings. Locate existing information and post on the Town website or developing pamphlets for distribution in Town facilities. Businesses and public spaces are opening up hot spots at existing connections for good signals in some areas. Multi-level password verification should be highly encouraged. Hotspot hacking issues are a particular problem.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
HOLD				#93-2020	Develop a Downtown Evacuation Plan to Accommodate High Pressure Gas line Breaks and Reduce the Risk of Injury and Property Damage	Medium Term 3-4 Years	64	Fire Department	\$5,000	The Tennessee Company high pressure gas pipeline, if disrupted, could cause devastating problems to the compact downtown area. The gas may flow down Ferry Street, past Riverside Park, toward the River. The estimated plume area needs to be determined. The CNH Haz Mat CAMEO/ALOHA Team is active, so determine what data they have for downtown. The experienced CNH Haz Mat Team would be used in Allenstown during in a large event like this.	Cost is for developing plan and Posting evacuation route signs	Emergency Management Budget
				#94-2020	Provide Public Education Summarizing the Risks and Expectations of Infectious Diseases Such as COVID-19 to Reduce the Impact of Public Health Incidents	Short Term 1-2 Years then Ongoing	68	Emergency Management with Health Officer and Webmaster	\$0	Throughout Town, public health social distancing is being practiced to slow the coronavirus. Other outbreaks which are more common (flu, measles) should be vaccinated against and would have minimal susceptibility to reinfect others. Community Center. Promote staying home if you or someone in your household is ill and staying out of public areas, at least without taking mandated or medically proscribed precautions.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A

Review and Implementation of Mitigation Action Plan for 2022-2023

ALLENSTOWN HAZARD MITIGATION PLAN MARCH 2021

Action Implementation Status	
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HOLD	Not Ready
DELETE	Why?
Fully Completed	When?

2010 / 2015 (Deferred) Action	Short Term 1-2 Years	2022-2023
2020 New Action	Medium Term 3-4	2024-2025
	Long Term 4-5 Years	2025-2026

				#95-2020	Encourage Swiftwater Condominiums to Develop an Emergency Evacuation Plan to Reduce the Risk of Injury During Flood Events	Short Term 1-2 Years	63	Fire Department	\$0	Swiftwater Condominiums, home to about 100 people, are especially vulnerable to Suncook River inundation flooding and channel movement because of their location along the interval. Providing Town assistance where needed and develop a drill with Town emergency response.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A
				#96-2020	Promote a Residential Neighborhood Watch for the Downtown to Help Prevent Vandalism and Criminal Activity	Short Term 1-2 Years	68	Police Department	\$500	If the Whitten Street Park playground and basketball recreational facilities are disrupted from any natural hazard event, the youth could cause mischief (such as rocks thrown on the Community Center roof). Neighbors watch for mischief. Security cameras already in place but no formal, announced watch has been organized.	Cost is for signage and stickers for homes (made by the prison for less expense) in the Downtown area.	Donations and Police dept Dudget - Community Policing
HOLD				#97-2020	Obtain and Archive Local Business Emergency Management Plans to Reduce the Risk of Injury and Damage from Incidents	Long Term 4-5 Years	66	Emergency Management	\$0	Identify those businesses which have EMPS and collect them. Review the effectiveness of the Plans, work with businesses to revise plans and perform tabletop exercises.	Cost is \$0 for in-kind staff and/or volunteer labor conducted during normal duties to fulfill this Action.	N/A