The recommended mitigation actions listed in the 2012 regional Natural Hazard Mitigation Plan for the Lower Naugatuck Valley provide important guiding principles. They include:

1. **Preserve** and **acquire** open space to reduce flooding.
2. **Regulate** or **prohibit** development in protected and sensitive flood prone areas.
3. **Upgrade** drainage systems and culverts to handle storm water discharges.
4. **Require** the use of wind-mitigation structural techniques in new structures.
5. **Assess** municipal buildings, critical facilities, and commercial/industrial buildings that are vulnerable to roof damage or collapse.

There are specific actions Derby can take consistent with those principles:

1. **Maintain** and **remove** old and threatening trees on City property and within the City's rights-of-way to reduce potential damage during a tropical storm, thunderstorm, or hurricane.
2. **Inspect** and **maintain** dams, and develop and implement Emergency Action Plans for High Hazard and Significant Hazard dams.
3. Continue to **support** municipal fire departments, purchase and modernize equipment as needed, and promote subdivision regulations and development that ensure adequate emergency access.
4. **Restrict** development on slopes of 25% or greater and restrict excavation and clearing on lands above steep slopes.
5. **Install** and **incorporate** green infrastructure into municipal projects - stormwater planters, rain gardens, bio-swales, permeable asphalt - to mitigate stormwater before it enters the drainage system.
6. Continue to **enforce** local zoning and subdivision regulations that protect natural resources and promote low impact developments.