

TOWN OF DARIEN

Action 4.1.1 - Worksheet A - Hazard Mitigation Goals

Incorporate at least four elements into your final Plan of Conservation and Development (POCD). Goals 1 and 2 are required. You may select the remaining two goals from the list below. Please indicate on which page(s) of your plan each goal is referenced.

Hazard Mitigation Goal	Page(s) in POCD Where Referenced
1. Clearly identify up-to-date natural hazard areas and map them on the future land use map.	The Natural Resources map on page 65 indicates 100-year and 500-year floodzones per FEMA, 2015. Those resources are then mirrored in a “Natural Resources Restrictions” cross hatch on the Future Land Use Plan on page 163 of the report. On Page 162 the Natural Resource Restrictions areas are identified as “Conservation Areas” on the Future Land Use Plan.
2. Adopt land use policies in the POCD that encourage land protection within natural hazard areas and discourage development or redevelopment within natural hazard areas.	Page 64, Policy #2: <i>Continue to protect floodplain areas.</i> Page 64, Policy #3: <i>Continue to participate in FEMA’s National Flood Insurance Program.</i> Page 64, Policy #5: <i>Support purchase of property within floodplain areas as open space, including using public-private partnerships, FEMA grants, and other approaches.</i> Page 156, Adaptation – <i>reduce or minimize the construction of new improvements.</i> Page 156, Action Step #5: <i>Consider increasing the “freeboard” requirement in areas subject to flooding especially as storm frequency and severity is projected to increase in the future.</i>
3. Provide adequate space for expected future growth in areas outside of natural hazard areas.	
4. Identify/Incorporate an action to undertake an evacuation and shelter plan to deal with emergencies from natural hazards.	
5. Adopt transportation policies that limit access to natural hazard areas.	
6. Adopt economic development or redevelopment strategies that include provisions for mitigating natural hazards.	Page 64, Policy #1: <i>Manage water quantity and runoff to maintain the water cycle and reduce the impacts of flooding.</i>

	<p>Page 64, Policy #4: <i>Continue to help property owners bring structures into compliance with FEMA standards.</i></p> <p>Page 64, Policy #6: <i>Continue to implement “low impact development” (LID) practices to help manage water quantity issues.</i></p>
7. Institute infrastructure policies that limit extension of existing facilities that would encourage development in areas vulnerable to natural hazards. Limit extension of existing facilities and services that would encourage development in areas vulnerable to natural hazards.	<p>Page 156, Action Step #4: <i>Assess the vulnerability of infrastructure (e.g., utilities, transportation, structures) to climate change and increased frequency of extreme storms and develop strategies.</i></p>
8. Adopt a policy to harden/protect existing critical facilities and important cultural resources that are located in vulnerable areas.	<p>Page 156, Policy #2 <i>“Continue to regularly review and improve hazard mitigation plans for recurring events, such as flooding.”</i></p> <p>The same page includes a discussion on the following concepts:</p> <p><i>Protection</i>– <u>consider “hard armoring” of existing improvements and properties (i.e. – seawalls, etc.).</u></p> <p><i>Accommodation</i> –<u>consider raising existing structures even though the surrounding land and streets will not be raised.</u></p> <p><i>Adaptation</i> – <u>reduce or minimize the construction of new improvements.</u></p> <p><i>As an initial step, Darien will continue to assess the vulnerability of public and private infrastructure (e.g., utilities, transportation, structures) to climate change and increased frequency of extreme storms and develop adaptation strategies.</i></p> <p>Page 149 Policy #5: <i>Develop strategies to floodproof or protect sewage infrastructure (such as pump stations and manholes) from flood damage or water level rise.</i></p>