

# TOWN OF DARIEN

**Action 4.1.2 - Worksheet B - Plan of Conservation and Development Implementation**

Please complete this worksheet for each sustainability concept listed in your Plan of Conservation and Development. At least three concepts are required and additional concepts may be included for more points. Concepts must be integrated in a meaningful way to receive credit.

Sustainability Concept (3 Required)	Page(s) in POCD where Referenced	Description of how Concept Included in POCD
<b>Concept 1:</b> Land Use Actions Toward Sustainability		
<b>Concept 2:</b> Transportation Actions Toward Sustainability		
<b>Concept 3:</b> Housing and Building Actions Toward Sustainability		
<b>Concept 4:</b> Economic Development Actions Toward Sustainability		
<b>Concept 5:</b> Open Space/Recreation Actions Toward Sustainability		
<b>Concept 6:</b> Infrastructure Actions Toward Sustainability		
<b>Concept 7:</b> Growth Management Actions Toward Sustainability		
<b>Concept 8:</b> Floodplain Management Actions Toward Sustainability	<p><b>Guide Page 64</b></p> <p><b>Page 156</b></p> <p><b>Preserve Page 66</b></p>	<p><b>Guide Development Away</b>  <u>Policy #2:</u> <i>Continue to protect floodplain areas</i>  <u>Policy #5:</u> <i>Support purchase of property within floodplain areas as open space, including using public-private partnerships, FEMA grants, and other approaches</i>  <u>Adaptation</u> – <i>reduce or minimize the construction of new improvements.</i>  <u>Action Step #5:</u> <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></p> <p><b>Preserve Wetlands</b>  <u>Policy #1:</u> <i>Continue to protect and enhance wetlands and watercourses.</i></p>

	<b>Page 162</b>	<p><u>Policy #2:</u> <i>Establish and maintain vegetated buffers adjacent to wetlands and watercourses.</i></p> <p>Wetlands and watercourses are identified as “Conservation Areas” in the Future Land Use Plan</p>
<b>Concept 9:</b> Watershed Planning/Management Actions Toward Sustainability	<b>Water Quality</b> <b>Page 61</b>	<p><b>Water Quality</b></p> <p><u>Policy #1:</u> <i>Continue to protect water quality.</i></p> <p><u>Policy #2:</u> <i>Implement “low impact development practices to help manage water quality and water quantity issues.</i></p> <p><u>Action Step #1:</u> <i>Educate design professionals and homeowners about LID tools and techniques.</i></p> <p><u>Action Step #4:</u> <i>Conduct public education about protecting water quality (including reducing fertilizer, herbicide and pesticide use).</i></p> <p><u>Action Step #5:</u> <i>Consider adopting “septic management ordinance” which requires pumping of septic tanks and inspection of septic fields on a regular basis.</i></p> <p><u>Action Step #6:</u> <i>Develop and implement a system water quality testing protocol in local river systems and embayments to identify pollution sources and strategies.</i></p>
	<b>Water Use</b> <b>Page 153</b>	<p><b>Reduce Water Use</b></p> <p><u>Policy #2:</u> <i>Promote water conservation</i></p>
	<b>Recharge GW</b> <b>Page 149</b>	<p><b>Recharge Groundwater</b></p> <p><u>Policy #11:</u> <i>Implement “low impact development” strategies where attention is paid to treating runoff to remove pollutants and infiltrating it into the ground as soon as possible.</i></p>
	<b>Wetlands</b> <b>Page 66</b>	<p><b>Prevent wetlands destruction</b></p> <p><u>Policy #1:</u> <i>Continue to protect and enhance wetlands and watercourses.</i></p> <p><u>Policy #2:</u> <i>Establish and maintain vegetated buffers adjacent to wetlands and watercourses.</i></p> <p>Wetlands and watercourses are identified as “Conservation Areas” in the Future Land Use Plan</p>
	<b>Page 162</b>	

<b>Concept 10: Resource Conservation Actions Toward Sustainability</b>	<b>Energy Use Page 153</b>	<b>Minimize Energy Use</b> <u>Policy #1:</u> <i>Promote energy conservation / sustainability.</i> <u>Discussion on Page 152:</u> <i>Prepare an energy conservation action plan to reduce operating costs, reduce lifecycle costs, and lower the carbon footprint of the Town / school buildings.</i> <i>Review municipal facilities for energy conservation opportunities (lighting, controls, equipment, geo-thermal, building envelope, etc.).</i>
	<b>Renewables Page 152</b>	<b>Encourage renewable energy</b> <i>Investigate opportunities for energy generation (solar, wind, fuel cell, etc.) as a way to lower energy costs and enhance resiliency.</i>
	<b>Recycling Page 153</b>	<b>Promote recycling</b> <u>Policy #3:</u> <i>Promote waste reduction / recycling.</i> Discussion on Page 153
	<b>Preserve Trees Page 39</b>	<b>Preserve Trees</b> <u>Policy #3:</u> <i>Discourage or prevent clear cutting of trees.</i> <u>Policy #4:</u> <i>Continue to protect historic trees.</i> <u>Discussion:</u> <i>...balance tree preservation and the planting of new trees with the desire for a reliable and resilient electrical system.</i>
<b>Concept 11: Planning Processes/Education Actions Toward Sustainability</b>		