

Table II. Actions and Recommendations involving Eelgrass in the CCMP (PEP, NYS, SC, EPA)

Section(s)	Directly/ Indirectly benefits eelgrass	Description	Details	Status Status: R- Recommended C- Commitment O-Ongoing N- New actions
HLR-7 (Habitat and Living Resources Management Plan)	I	Develop and implement an Estuary-wide Habitat Restoration Plan (HRP)	7.1-7.7 Complete!	*Complete☺
HLR-8	D	Develop and implement specific restoration projects	8.3 Quantitative goal for eelgrass restoration complete! Plan for eelgrass is no net decrease; 10% increase in 10 yrs.	*Complete☺
HLR-6	D	Evaluate current policies preserving eelgrass / develop ways to increase protection for all extant eelgrass	6.1 Priority Evaluate current protection; develop increased protection. 6.2 Monitor existing; protect extant; restore degraded. 6.3 Evaluate effects of dredging, anchor dragging, prop scarring; 6.4 hold workshop☺	All R except our monitoring program c/o
HLR-1	D	Use CNRA's (critical natural resource areas) to develop and implement management strategies to protect high quality habitats and concentrations of species of special emphasis	1.8 Examine possibility of establishing marine reserves (e.g. eelgrass beds) within CNRA's	R
HLR-4	D	Promote non-destructive (to eelgrass and salt marshes) methods of shellfish harvesting	4.1 Determine methods of harvesting shellfish that are most compatible with eelgrass establishment and growth. Develop recommendations for methods, frequency, timing etc. allowing recovery of eelgrass and enhancement of shellfish productivity	R
HLR-3	D	Assess the impacts of dredging activities on habitat and natural resources and develop recommendations and guidelines for reducing impacts.	3.2 Priority Assess navigational dredging in creeks and embayments for damages or impacts to eelgrass beds and other habitats; develop permit conditions to minimize impacts; Determine if dredging impairs water quality precluding restoration of eelgrass . 3.1 Priority "dredging summit"; analyze impacts including on benthic communities	Both R

Section(s)	Directly or Indirectly affected	Description	Details	Status
HLR-5	I	Impliment, enforce, incourage continuation of wetland policies and regulations	5.1 Ensure continued protection through implementation and enforcement of current regulations Enhancement recommended	C/O; R
HLR-12	D	Foster sustainable recreational and commercial finfish and shellfish uses in the PE that are compatible with biodiversity protection	12.2 Priority I.D., protect, and restore key shellfish and finfish spawning, nursery, and feeding habitats to enhance stocks and incorporate into essential fish work conducted under ASMFC (Atlantic States Marine Fisheries Commission)	R
HLR-14	I	Protect Sea Turtles and Marine Mammals	14.1 Review areas identified as turtle feeding areas, consider what restrictions could protect these spp. and their food sources.	Enhance existing programs-R
HLR-16	both	Develop and implement a living resource research, monitoring, and assessment program	16.3 Support research on interaction bet. eelgrass and dominant macroalgae species in the PE to determine impacts on eelgrass distribution and abundance 16.5 Perform research on ecology of food sources of sea turtles to eval. importance of PE to them and potential threats to these endangered and threatened spp. 16.7 Determine effects of dredging on benthic communities and recovery time of these communities. 16.8 Evaluate progress of eelgrass restoration goals	R
HLR- 2	I	Manage Shoreline Stabilization, Docks, Piers, and Flow Restriction Structures to Reduce or Prevent Additional Hardening and Encourage Restoration of Hardened Shorelines to a Natural State.	2.1 Quantify and map all hardened shoreline, docks and piers, and flow-restriction structures in the Peconic Estuary and assess the overall impacts of stabilization structures on natural resources. 2.2 review existing regulations for shoreline hardening structures at all levels of government, encourage consistent policies and strength regulations where appropriate.	

			<p>2.3 Priority Establish and enforce a policy of *no net increase* of hardened shoreline in the Peconic Estuary and, if possible, a net decrease in hardened shoreline.</p> <p>2.4 Priority Develop a variety of financial incentives and programs to encourage property owners to remove or modify hardened shoreline structures</p>	
B-1 (Brown Tide Management Plan)	I	Ensure cont'd brown tide monitoring, research, coordination, and info. sharing	1.1-1.7 Continue existing efforts.	C/O
N-1 (Nutrients Management Plan)	I	Continue to use and refine water quality standards and guidelines	1.2 Priority Integrate monitoring, modeling, and research data to evaluate the use of recommended 0.4 mg/l total nitrogen guideline for the shallow waters of the estuary to optimize eelgrass habitats .	C/N
N-4		Control Point Source Discharges from STPs and Other Dischargers	4-Priority "" (same as description)	
N-5	I I	*N-5. Implement Nonpoint Source Control Plans	<p>N-5.1 Ensure that the Section 6217(g) management measures of CZARA are appropriately implemented, in support of the overall nitrogen management plan</p> <p>*N-5.2 Investigate feasible implementation mechanisms and develop a plan to prevent increases and encourage decreases in nitrogen in groundwater underflow due to domestic fertilizer use.</p> <p>*N-5.3 Investigate feasible implementation mechanisms and develop a plan to prevent increases and encourage decreases in nitrogen in groundwater underflow due to on-site disposal systems (sanitary systems).</p> <p>*N-5.4 Develop a regional implementation plan for agricultural nitrogen load reductions which would include promoting agricultural best management practices, expanding agricultural environmental management (AEM) strategies, and promoting</p>	R C/O

			organic farming among other initiatives. N-5.5 Manage stormwater runoff on a Subwatershed basis to control nitrogen inputs
CLPP-7 (Critical Lands Protection Plan)		Develop a strategy for the management of underwater lands which conserves and enhances the region's natural resources.	7.1 "" (same as description)
T(1-8) (Toxics management plan)	I	Review historical monitoring data and conduct new monitoring studies where needed to further characterize sources, landings, and impacts of toxic contaminants; ensure dredged material is placed in a way as to reduce toxic impacts associated with contaminated sediments; explore management strategies emphasizing the elimination or reduction of toxics.	1.1- Include toxics in the PEP long-term monitoring plan 1.5 Priority Identify toxics present at low levels that individually or cumulatively may be affecting aquatic resources. 8.1 and 8.2- Ensure that all permits and applications are protective of Peconic ecosystem and its food chains. 6.6 Develop model guidelines for use of treated wood in the marine environment