



Policy Group X - Erosion Control

Project Name: _____
TMS: _____

* Policies excerpted from the GAPC Section of the CZMP as well as Chapter X.

The Agency's Coastal Zone Consistency (CZC) certification review of all activities within the Coastal Zone that require a State permit will be based on the policies contained within the project based checklists. For the CZC request to be complete, you must answer the questions contained within the policies segment relative to your project by checking off all that apply. More than one checklist may apply to your project based on the plan proposal. For example, a road or highway project might also require dredging and filling of coastal wetlands.

A) Funding Policies:

Required: Will the expenditure of public funds for beach and shore erosion control measures project or plans...

a.	<input type="checkbox"/> be limited to beach or shore erosion control only in areas, communities, or on barrier islands to which the public has full and complete access (as defined in the shoreline access segment of the program)? <input type="checkbox"/> or is this N/A?
b.	<input type="checkbox"/> be limited to beach erosion control practices deemed by CZC Staff to be consistent with the Beach Erosion Control Policies, in this section and the overall Policies of the CZMP, and any applicable rules and regulations promulgated pursuant to the Act? <input type="checkbox"/> or is this N/A?
c.	<input type="checkbox"/> provide adequate consideration and demonstration is being given to the erosion control problems and needs of each coastal county based on the relative benefits of the particular project? <input type="checkbox"/> or is this N/A?
d.	<input type="checkbox"/> give consideration to the extent to which the proposal will maximize the protection of public health, safety, and welfare? <input type="checkbox"/> or is this N/A?
e.	<input type="checkbox"/> give consideration to the full range of alternative erosion control measures which are possible, including no action? Before decisions are made, consideration must be given to the long and short-range costs and benefits of the various alternatives. <input type="checkbox"/> or is this N/A?
f.	<input type="checkbox"/> give consideration to the long and short-range costs and benefits of various alternatives? <input type="checkbox"/> or is this N/A?
g.	<input type="checkbox"/> propose the removal or modification of existing publicly-funded control structures based on the applicable policies in this section and determination that the structure has an adverse impact on the public interest, as mandated by <i>Section 48-39-120(C)</i> of the CTWA? <input type="checkbox"/> or is this N/A?
h.	<input type="checkbox"/> be consistent with the Priority of Uses of each listed Geographic Areas of Particular Concern (GAPCs) as discussed in the Geographic Areas of Particular Concern (GAPCs) Policies and Priority of Uses document located on the Resources section of the CZC webpage? <input type="checkbox"/> or is this N/A?

Required:

As applicant or agent, having completed all appropriate checklists and having read the applicable polices, I certify that this project is consistent with the South Carolina Coastal Zone Management Program based on the information outlined above and supplemental information attached.

Signature and date

B. General Considerations:

Required: Will your proposed erosion control project or plans ...

a. <input type="checkbox"/> consider the type of materials, their useful life expectancy along with anticipated maintenance and replacement costs? <input type="checkbox"/> or is this N/A?
b. <input type="checkbox"/> consider the economic justification of the proposed project in comparison with available erosion control alternatives including consideration of the anticipated damage and economic loss due to failure? <input type="checkbox"/> or is this N/A?
c. <input type="checkbox"/> consider the rate of rise or fall of sea level at the location? <input type="checkbox"/> or is this N/A?
d. <input type="checkbox"/> consider sediment transport and sand budget in the project area? <input type="checkbox"/> or is this N/A?
e. <input type="checkbox"/> consider the extent of up or downdrift damage due to installation or lack of installation of the erosion control structure? <input type="checkbox"/> or is this N/A?
f. <input type="checkbox"/> consider the extent to which the project fits into a comprehensive shore protection program for that particular stretch of beach, aimed at preserving the beach profile in its present slope and configuration? <input type="checkbox"/> or is this N/A?
g. <input type="checkbox"/> be consistent with the Priority of Uses of each listed Geographic Areas of Particular Concern (GAPCs) as discussed in the Geographic Areas of Particular Concern (GAPCs) Polices and Priority of Uses document located on the Resources section of the CZC webpage? <input type="checkbox"/> or is this N/A?

Required:

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Signature and date

C. Erosion Control Policies:

1. Seawalls, Bulkheads and Revetments (outside of Critical Areas):

Required: Will your proposed bulkhead and revetment project or plans...

a. <input type="checkbox"/> consider a comprehensive program to insure the proposed structure does not cause adverse effects to adjoining property owners or appreciably accelerate erosion in the general area? <input type="checkbox"/> or is this N/A?
b. <input type="checkbox"/> avoids interfering with existing or planned public access unless other access is provided? <input type="checkbox"/> or is this N/A?
c. <input type="checkbox"/> avoid scouring where appropriate? <input type="checkbox"/> or is this N/A?
d. <input type="checkbox"/> consider utilizing natural features rather than artificial protection? <input type="checkbox"/> or is this N/A?
e. <input type="checkbox"/> demonstrate that the revetment materials are appropriate for use? <input type="checkbox"/> or is this N/A?
f. <input type="checkbox"/> ensure that the proposed groins will not interfere with public access? <input type="checkbox"/> or is this N/A?
g. <input type="checkbox"/> be consistent with the Priority of Uses of each listed Geographic Areas of Particular Concern (GAPCs) as discussed in the Geographic Areas of Particular Concern (GAPCs) Polices and Priority of Uses document located on the Resources section of the CZC webpage? <input type="checkbox"/> or is this N/A?

Required:

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Signature and date

2. Sand Dune Management (outside of Critical Areas):

Required: Will your proposed dune management project or plans...

a. utilize non-structural means for private and public projects in restoring and stabilizing dunes? or is this N/A?
b. to the extent possible keep the secondary dunes intact to insure protection of adjoining areas against flooding during storms? or is this N/A?
c. establish buffer areas, where feasible, to allow for frontal dune growth and movement? or is this N/A?

d. contain plans for dune restoration, reconstruction or stabilization?

or is this N/A?

e. limit dune reconstruction in areas above the existing berm line or in line with existing primary oceanfront dunes? Dunes should be constructed using only native material (sand) of the appropriate grain size and stabilized with native vegetation. Consultation is encouraged with NRCS in determination of plant materials most suitable for dune stabilization.

or is this N/A?

f. demonstrate that walkover structures will not interfere with existing public access?

or is this N/A?

g. be consistent with the Priority of Uses of each listed Geographic Areas of Particular Concern (GAPCs) as discussed in the Geographic Areas of Particular Concern (GAPCs) Polices and Priority of Uses document located on the Resources section of the CZC webpage?

or is this N/A?

Recommended policies to consider with dune management projects:

- a. *DHEC-OCRM recommends that local governments in shoreline areas institute shorefront construction back lines as part of their land planning activities and or local building codes, subdivision regulations, or zoning ordinances.*
- b. *Private property owners and developers are encouraged to consult with OCRM or with technical consultants to learn the erosion trends and shoreline dynamics in their particular area before initiating construction.*

Required:

As applicant or agent, having completed all appropriate checklists and having read the applicable polices, I certify that this project is consistent with the South Carolina Coastal Zone Management Program based on the information outlined above and supplemental information attached.

Signature and date