

## **Appendix 3**

### **Coastal Zone Consistency Coordination**



## DHEC OCRM State Coastal Zone Consistency (CZC) Certification Request Form

**Project Name:**

**Applicant Information:**

Contact Name  
Address  
Phone #  
E-mail

**Agent/Engineer Information:**

Contact Name  
Address  
Phone #  
E-mail

**Site details:**

Location/Address:

County:

TMS:

**Type of Permit Requested:**

(ex. Landfills, Mining, Wastewater, etc.)

**Name of Permitting Authority(s):**

(ex. DHEC Bureau of Water)

**Description of Proposed Activity(s):**

● *including total disturbed area, name of and distance to nearest waterbody, and onsite non-jurisdictional wetland impacts and acreage.*

All applicable Project Policy Checklist(s) that apply to the proposed project must be submitted with this request form. (See [www.scdhec.gov/environment/ocrm/czc](http://www.scdhec.gov/environment/ocrm/czc) for available Policy Checklists)

Submitted By: \_\_\_\_\_ Date: \_\_\_\_\_



## 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...

<p>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)?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>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?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>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?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>d. <input type="checkbox"/> give consideration to the extent to which the proposal will maximize the protection of public health, safety, and welfare?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>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.</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>f. <input type="checkbox"/> give consideration to the long and short-range costs and benefits of various alternatives?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>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?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>
<p>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?</p> <p style="padding-left: 20px;"><input type="checkbox"/> or is this N/A?</p>

**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.

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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:**

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.

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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:**

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

**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.

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Signature and date



## Policy Group VIII - Dredging

Project Name: \_\_\_\_\_

TMS: \_\_\_\_\_

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) **Dredging:**

**Required: Will your proposed dredging project or plans...**

- |   |
|---|
| a. <input type="checkbox"/> (if proposed in a productive shellfish area) occur only during closed shellfishing season to the extent feasible?<br><input type="checkbox"/> or is this N/A?   |
| b. <input type="checkbox"/> keep suspended sediments to a minimum by incorporating the weirs and silt curtains to minimize water quality degradation unless the activity is consistent with other dredging policies (as well as those for manufacturing or other industrial activities)?<br><input type="checkbox"/> or is this N/A?                                    |
| c. <input type="checkbox"/> avoid reducing water circulation, water currents, mixing, flushing or salinity in the immediate area?<br><input type="checkbox"/> or is this N/A?   |
| d. <input type="checkbox"/> avoid the dredging of new canals which involves permanent alteration of valuable wetland habitats unless the plan demonstrates that no feasible alternative exists or an overwhelming public interest? Explain the feasible alternatives that will be implemented in the summary section below.<br><input type="checkbox"/> or is this N/A? |
| e. <input type="checkbox"/> avoid establishing a canal resulting in the creation of waterfront lots from inland property (dead-end canals as well) unless it can be demonstrated there will be no significant environmental impacts?<br><input type="checkbox"/> or is this N/A?  |
| f. <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?<br><input type="checkbox"/> or is this N/A?                            |

*Recommended policies to consider in designing and locating dredging projects:*

- a. *None.*

**Required:**

As applicant or agent, having completed all appropriate checklists and having read the applicable policies, 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. Dredged Material Disposal:**

**Required: Will your proposed dredging disposal project or plans...**

a. <input type="checkbox"/> avoid placing dredged material on high value natural habitats such as salt, brackish or freshwater wetlands; submerged vegetation; oyster reefs or tidal guts to the maximum extent feasible?  <input type="checkbox"/> or is this N/A?
b. <input type="checkbox"/> demonstrate that any proposed upland dredge material disposal sites be stabilized and maintained where necessary to prevent erosion and direct water run-off?  <input type="checkbox"/> or is this N/A?
c. <input type="checkbox"/> avoid blocking natural channels with dredged material where water disposal is necessary while minimizing impacts to existing water circulation?  <input type="checkbox"/> or is this N/A?
d. <input type="checkbox"/> consider temporal aspects of spoil deposition such as impacts on spawning seasons, fish migrations, waterfowl nesting and wintering areas, and mosquito control?  <input type="checkbox"/> or is this N/A?
e. <input type="checkbox"/> consider minimizing negative impacts on valuable terrestrial wildlife or vegetative habitats for upland dredge disposal sites?  <input type="checkbox"/> or is this N/A?
f. <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?

*Recommended policies to consider in designing impoundments:*

- a. *Consideration for future maintenance of the spoil area, for example, development of spoil islands which have been found to be beneficial for terrestrial habitat and migratory waterfowl.*
- b. *Abandoned sand or gravel pits in proximity to a dredge site, where spoil can be more adequately contained, should be used for disposal areas.*
- c. *Consideration for reuse of spoil disposal sites, such as development of public parks or recreational areas.*
- d. *Consideration for the mining of spoil areas so as to extend their life expectancies.*
- e. *Prior to major dredging projects, the economic and environmental feasibility for alternative use of the dredged material should be studied. The physical and chemical characteristics of the spoil should be determined in order to decide the most appropriate disposal options. Spoil suitable as fill material for residential, commercial or industrial development should be utilized for such uses. Spoil shells can be used to stimulate oyster production or for dike construction Beach renourishment and spoil disposal are related issues and should be addressed concurrently.*

**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.

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Signature and date

### C. Underwater Salvage

**Required: Will your proposed underwater salvage project or plans...**

a.  include any plans for dredging and dredge material disposal associated with a salvage operation and shows proper disposal in an approved spoil disposal facility?

or is this N/A?

b.  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 for underwater salvage operations:*

a. *None.*

**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.

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Signature and date



## Policy Group XIV – Beach and Shoreline Access

Project Name: \_\_\_\_\_

TMS: \_\_\_\_\_

\* Policies excerpted from the GAPC Section of the CZMP.

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. Shoreline Access:

**Required: Will your proposed access project or plans...**

a.  be consistent with Agency policy that fully supports, furthers, and encourages the protection and expansion of public access to shoreline areas in the coastal zone?

or is this N/A?

b.  avoid having a negative effect on existing access to tidal and submerged lands, navigable waters and beaches or other recreational coastal resources?

or is this N/A?

c.  take into account the extent of impact on the following aspects of quality or quantity of the following valuable coastal resources:

public recreational lands - conversion to other uses without adequate replacement, interruption of existing public access, or degradation of environmental quality in these areas?

or is this N/A?

d.  (for erosion control projects in communities or on barrier islands) to which the public has full and complete access that is being funded by public monies?

or is this N/A?

e.  be consistent with Agency policy that recognizes the highest priority for expenditure of public funds for acquisition of new parks and recreation areas in the coastal zone is given to areas which offer full and complete access to the public?

or is this N/A?

f.  consist of improved access to existing publicly-owned recreation areas, particularly barrier islands, which currently only afford access by boat and are appropriate for more intensive use? (This should include access **to** the area via ferry or provision of boat landings and other facilities; and also access **across** or through the area to the beach-front via paths or walkways.

or is this N/A?

g.  include a ferry as this type and extent of public access must be determined based on the human "carrying capacity" of the area in its natural state in order to protect natural beach features and other environmentally sensitive areas?

or is this N/A?

- h.  contain lateral beach access-ways consisting of walkover structures or staggered pathways at natural breaks in the dunes to prevent disruption of sand dunes or vegetation?  
 or is this N/A?
- i.  consider additional parking spaces in upland areas adjacent to beaches as well as consider alternatives of remote parking sites (on or off island) connected to the beach by public transportation authorized weekend and holiday use?  
 or is this N/A?
- j.  (for local government projects in the coastal zone, particularly beachfront communities) incorporate considerations for public access into their local ordinances and comprehensive plans (especially subdivision regulations) which can influence the location and design of new development that might affect public access?  
 or is this N/A?
- k.  (for private developers in beach areas) consider the benefits not only for the public but for protecting private property interests to include reasonable public beach areas and access-ways in plans for new developments?  
 or is this N/A?
- l.  (for State and local governments planning recreational sites) include consideration of alternatives to actual ocean-front areas, i.e. rivers and estuaries, in order to offer other options for recreation and to relieve growing pressure on ocean-front communities?
- m.  consider joint-use public docks, public boat ramps and landings in an environmentally suitable location to meet the needs of recreational boating?  
 or is this N/A?
- n.  consider pedestrian access and fishing catwalks on all new bridges and roadways and recommends their addition to existing structures where possible?  
 or is this N/A?
- o.  consider the preservation of existing public shellfish grounds?  
 or is this N/A?
- p.  be consistent with the policies for park facilities, marinas, boat ramps, docks and piers, if applicable?  
 or is this N/A?
- q.  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?  
 or is this N/A?

*Recommended policies to consider in designing shoreline access projects:*

- a. It is recommended that abandoned bridges and railroad trestles be left standing to serve as fishing piers when safety considerations permit. Costs of maintenance may be offset by leasing the structures to a county or local government. It has been suggested in the Resource Policies section that railroad rights-of-way be allowed to serve as access points whenever possible. (II (D) of the Resource Policies)*
- b. In the planning and design of all public access areas, full consideration should be given to assure access opportunities to elderly and handicapped visitors.*

**Required:**

As applicant or agent, having completed all appropriate checklists and having read the applicable policies, 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