15A NCAC 07H .0507 is readopted as published with changes in 34:09 NCR 757 as follows:

# 15A NCAC 07H .0507 UNIQUE COASTAL GEOLOGIC FORMATIONS

- 4 (a) Description. Unique coastal geologic formations are defined as sites that contain geologic formations that are
- 5 unique or otherwise significant components of coastal systems, or that are especially notable examples of geologic
- formations or processes in the coastal area. Such areas will shall be evaluated by the Commission after identification
- 7 by the State Geologist. Geologist per G.S. 113A-113.
- 8 (b) Significance. Unique coastal geologic areas are important educational, scientific, or scenic resources that would
- 9 be jeopardized by uncontrolled or incompatible development.
- 10 (c) Management Objectives. The CRC's objective is to preserve unique resources of more than local significance that
- function as key physical components of natural systems, as important scientific and educational sites, or as valuable
  - scenic resources. Specific objectives for each of these functions shall be related to the following: following policy

# statements either singly or in combination:

- (1) To ensure that the designated geologic feature will—shall be able to freely interact with other components of the identified systems. These interactions are often the natural forces acting to maintain the unique qualities of the site. The primary concern is the relationship between the geologic feature and the accompanying biological component associated with the feature. Other interactions which may be of equal concern are those relating the geologic feature to other physical components, specifically the relationship of the geologic feature to the hydrologic elements; ground water and surface runoff.
- (2) To ensure that the designated geologic feature or process will shall be preserved for and be accessible to the scientific and educational communities for related study purposes.
- (3) To protect the values of the designated geologic feature as expressed by the local government and citizenry. These values should be related to the educational and aesthetic qualities of the feature.
- (d) Designation. The Coastal Resources Commission hereby designates Jockey's Ridge as a unique coastal geologic formation area of environmental concern. The boundaries of the area of environmental concern shall be as depicted on a map approved by the Coastal Resources Commission on December 4, 1987, and on file with the Division of Coastal Management. Management, available at 400 Commerce Ave., Morehead City, NC 28557. This area includes the entire rights of way of US 158 Bypass, SR 1221 (Sound Side Road), Virginia Dare Trail, and Conch Street where these roads bound this area. Jockey's Ridge is the tallest active sand dune along the Atlantic Coast of the United States. Located within the Town of Nags Head in Dare County, between US 158 and Roanoke Sound, the Ridge represents the southern extremity of a back barrier dune system which extends north along Currituck Spit into Virginia. Jockey's Ridge is an excellent example of a medano, a large isolated hill of sand, asymmetrical in shape and lacking vegetation. Jockey's Ridge is the largest medano in North Carolina and has been designated a National Natural Landmark by the U.S. Department of the Interior.

1 (e) Use Standards. Jockey's Ridge. Development within the Jockey's Ridge AEC shall be consistent with the 2 following minimum use standards: 3 (1) Development which requires the removal of greater than ten cubic yards of sand per year from the 4 area within the AEC boundary shall require a permit; 5 (2) All sand which is removed from the area within the AEC boundary in accordance with 7H 6 .0507(e)(1) shall be deposited at locations within the Jockey's Ridge State Park designated by the 7 Division of Coastal Management in consultation with the Division of Parks and Recreation; 8 (3) Development activities shall not significantly alter or retard the free movement of sand except when 9 necessary for the purpose of maintaining or constructing a road, residential/commercial structure, 10 accessway, lawn/garden, or parking area. 11 12 History Note: Authority G.S. 113A-107(a),(b); 113A-113(b)(4)g.; 113A-124; 13 Eff. September 9, 1977; 14 Amended Eff. March 1, 1988; Readopted Eff. January 1, 2023. 15

I	15A NCAC 0/1	.0508 is readopted as published with changes in 34:09 NCR 757 as follows:			
2					
3	15A NCAC 07	I .0508 USE STANDARDS			
4	Permits for dev	elopment in designated fragile coastal natural or cultural resource areas will-shall be approved upon			
5	finding that:				
6	(1)	The proposed design and location will-shall not cause no major or irreversible damage significant			
7		adverse impacts to the stated values of a particular resource. One or more of the following values			
8		must-shall be considered in making permit decision depending upon the stated significance of the			
9		resource:			
10		(a) Development shall preserve the values of the individual resource as it functions as a critical			
11		component of a natural system.			
12		(b) Development shall not adversely affect cause significant adverse impacts to the values of			
13		the resource as a unique scientific, associative, or educational resource.			
14		(c) Development shall be consistent with the aesthetic values of a resource as identified by the			
15		local government and citizenry.			
16	(2)	No reasonable alternative sites are available outside the designated AEC.			
17	(3)	Reasonable mitigation Mitigation measures have been shall be considered and incorporated into the			
18		project plan. These measures shall include consultation with recognized authorities and with the			
19		CRC.			
20	(4)	The project will shall be of equal or greater public benefit than those benefits lost or damaged			
21		through development.			
22	<del>(5)</del>	Use standards will not address farming and forestry activities that are exempted in the definition of			
23		development (G.S. 113A 103(5)a.4).			
24 25					
	History Note:	Authority G.S. 113A-107(a),(b); 113A-113(b)(4e) to (b)(4h); 113A-124;			
26		Eff. September 9, 1977;			
27		Amended Eff. February 1, 1982; June 1, 1979;			
28		Readopted Eff. January 1, 2023.			

1 15A NCAC 07H .0509 is readopted as published with changes in 34:09 NCR 757 as follows: 2 3 15A NCAC 07H .0509 SIGNIFICANT COASTAL ARCHAEOLOGICAL RESOURCES (a) Description. Significant coastal archaeological resources are defined as areas that contain archaeological remains 4 5 (objects, features, and/or sites) that have more than local significance to history or prehistory. Such areas shall be 6 evaluated by the Department of Natural and Cultural Resources in consultation with the Commission as part of the 7 procedure set forth in Rule .0503 of this Section, in accordance with G.S. 113A-113. 8 (b) Significance. Significant coastal archaeological resources are important educational, scientific, or aesthetic 9 resources. Such resources would be jeopardized by uncontrolled or incompatible development. In general, significant 10 archaeological resources possess integrity of location, design, setting, workmanship, materials, and association and: 11 (1) are associated with historic events; or 12 (2) are associated with the lives of persons significant in history; or 13 (3) embody the distinctive characteristics of a type, period, or method of construction, or represent a 14 significant and distinguishable entity whose components may lack individual distinction; or 15 (4) have yielded, or may yield, information important in history or prehistory. 16 (c) Management Objectives. The CRC's objective is to conserve coastal archaeological resources of more than local 17 significance to history or prehistory that constitute important scientific sites, or are valuable educational, associative, 18 or aesthetic resources. Specific objectives for each of these functions shall be related to the following: following 19 policy statements either singly or in combination: to give the highest priority to the development of a preservation management plan to provide 20 (1) 21 <del>long term, effective</del> long-term management of the archaeological resource; and development which 22 shall not have significant adverse impacts on the archaeological resource. 23 (2) to conserve significant archaeological resources, including their spatial and structural context and 24 characteristics through in-situ preservation or scientific study; 25 (3) to ensure that the designated archaeological resource be preserved for and be accessible to the 26 scientific and educational communities for study purposes; 27 (4) to protect the values of the designated archaeological resource as expressed by the local government 28 and citizenry; these values shall be related to the educational, associative, or aesthetic qualities of 29 the resource. 30 (d) General Use Standards. 31 (1) Significant concentrations of archaeological material, reflecting a full range of human behavior, 32 <u>shall</u> be preserved in-situ for future research by avoidance during <mark>development</mark> activities. Areas for 33 avoidance shall be selected after archaeological investigations have been made. Subparagraph 34 (d)(2)(B) of this Rule outlines the nature, extent, conditions and significance of the cultural deposits. Three The following avoidance measures should shall be considered: considered, preferably in 35 combination: 36

1 (A) incorporation of "no impact" spaces in construction plans such as green spaces between 2 lots; definition of restrictions limiting specific types of ground disturbing activities; 3 (B) 4 donation of preservation easements to the State or, upon approval by the Department of (C) Natural and Cultural Resources, a historic preservation agency or organization. 5 6 (2) Activities which would damage or destroy the contents of a designated site's surface or subsurface 7 shall be prohibited until an archaeological investigation and resource management plan has been 8 implemented by the applicant. The investigation and management plan shall be developed in 9 consultation with the Department of Natural and Cultural Resources. Such archaeological 10 investigations shall comply with the following criteria: 11 (A) all archaeological work willshall be conducted by an experienced professional 12 archaeologist; in consultation by the Department of Natural and Cultural Resources; 13 (A) initial archaeological investigations conducted as part of the permit review process 14 willshall be implemented in three parts: Phase I, a reconnaissance level investigation to 15 determine the nature and extent of archaeological materials over the designated area; Phase 16 II, an intensive level investigation which represents a direct outgrowth of Phase I findings 17 and through systematic data recovery assesses the potential importance of identified 18 concentrations of archaeological materials; Phase III, mitigation of significant adverse 19 effects impacts to recognized areas of importance. Evaluations of research potential will 20 shall be made and prioritized in order of importance, based upon the status of previous 21 research in the area and the integrity of the remains; 22 (B) an archaeological research design will shall be required for all archaeological 23 investigations. All research designs will shall be subject to the approval of the North Carolina Division of Archives and History Department of Natural and Cultural Resources 24 25 prior to conducting the work. A research proposal must-shall allow at least 30 days for 26 review and comment by the North Carolina Division of Archives and History; Department 27 of Natural and Cultural Resources; 28 (C) data will-shall be collected and recorded accurately and systematically and artifacts will 29 shall be curated according to accepted professional standards at an approved repository. 30 repository in consultation with the Department of Natural and Cultural Resources. 31 32

(e) Designations. The Coastal Resources Commission hereby designates Permuda Island as a significant coastal archaeological resource area of environmental concern. Permuda Island is a former barrier island located within Stump Sound in southwestern Onslow County. The island is 1.2 miles long and .1 - .25 miles wide. Archaeological evidence indicates earliest occupation from the Middle Woodland Period (300 B.C. - 800 A.D.) through the late Woodland Period (800 A.D. - 1650 A.D.) and historic occupations predating the Revolutionary War. Archaeological

33

34

35

36

```
remains on the island consist of discrete shell heaps, broad and thick layers of shell midden, prehistoric refuse pits and postholes, as well as numerous ceramic vessel fragments and well-preserved animal bone remains.

History Note: Authority G.S. 113A-107(a); 113A-107(b); 113A-113(b)(4h); 113A-124;

Eff. June 1, 1979;

Amended Eff. October 1, 1988; January 1, 1985;

Readopted Eff. January 1, 2023.
```

1	15A NCAC 071 .0702 is readopted as published with changes in 34:09 NCR 761 as follows:			
2				
3	15A NCAC 07I .0702 WHEN AN ACTION EXCEEDS THE LOCAL PERMITTING AGENCY EXCEED			
4	<b>LOCAL</b> AUTHORITY			
5	When the local permit-letting agency exceeds the scope and extent of its authority, authority per G.S. 113A-117 which			
6	is limited to consideration of applications proposing minor development as defined in the Coastal Area Management			
7	Act, that action shall be null, void and of no effect. The determinations of the commission Coastal Resource			
8	Commission shall be binding on the local permit-letting agency as to questions of such jurisdiction.			
9				
10	History Note: Authority G.S. <u>113A-117(c);</u> 113A-118(e); 113A-120(c); <del>113A-124(c)(5);</del>			
11	Eff. November 1, 1984;			
12	Readopted Eff. January 1, 2023.			

15A NCAC 07J .0203 is readopted as published with changes in 34:09 NCR 762 as follows:

## 15A NCAC 07J .0203 PREPARATION OF WORK PLATS

(a) General. Project plans or work plats must shall include a top or plan view, planview, a cross-sectional view, and a location map. All plats must shall have the standard north arrow. North should shall be at the top of the plat. The prints must be neat and sufficiently clear to permit photographic reproduction. Originals are preferred as copies are often found to be unacceptable. The applicant should use as few sheets as necessary to show clearly what is proposed. Work plats must shall be accurately drawn to a scale. A scale of 1" = 200' or less is normally required in order so that project detail can be easily understood.

# (b) Details of Work Plats

(1)

- Top View or Planview Plan View Plats. Such drawings must shall show existing and proposed features such as dune systems, shorelines, creeks, marshlands, docks, piers, bulkheads, excavated areas, fill areas, type and location of sewage treatment facilities and effluent outlets. Existing water depths must shall be indicated using mean low water as base or zero. These can zero and shall be shown either as contours or spot elevation. Care should be used in indicating Work plats shall indicate which features are existing and which are proposed. Property boundaries, as they appear on the deed, and the names of adjacent property owners must shall be shown on the detailed plat. The work plat must shall elearly show any areas to be excavated and the exact locality site for disposal of the excavated material. When fill material is to be placed behind a bulkhead or dike, the plan shall must be sufficiently detailed to show the exact location of such bulkheads or dikes, and the adequacy ability of the bulkhead or dike to confine the material. Drawings must shall indicate approximate mean low and mean high water lines and the presence of marsh wetlands in the area of proposed work. In areas where the difference in daily low and high tides is less than six inches, only an average water level must shall be indicated.
- Cross-Section Drawing. A cross-sectional diagram showing depth and elevation of proposed work relative to existing ground level -- mean low and mean high water line must shall be included in the plan. The mean low water must shall be the reference for water depths and land elevations (i.e., mean low water should be depicted as "Elevation 0.0 MLW"). First floor elevations relative to mean sea level must shall be shown for any proposed buildings. structures.
- (3) Location Map. A map of small scale showing the geographic location of the proposed work is also required. The location map must provide information to locate the project site.
- (4) Title of Drawing. Each drawing must shall have a simple title block to identify the project or work, and shall include name of applicant, date the plat was prepared, and scale of the plat. The date of any revisions must be clearly noted. The applicant must also include the name of the person who drew the plat.
- (c) Applications are often made for permits to authorize projects that have a portion of the development outside Areas of Environmental Concern. Some Basic information concerning plans for development outside AECs is necessary to

determine compatibility with the local Land Use Plan and to demonstrate be reasonably sure that such development will not adversely impact AECs. Therefore, any Any application for a CAMA or Dredge and Fill permit shall include at a minimum, include the following information:

(1) detailed information on any development located in or directly impacting an AEC;

- a plat showing the entire tract of land to be developed and possible access or roadway locations;
- maps or statements or government agency concerning identifying the location of wetlands within the project area or indicating that there are no wetlands within the project area. to the extent that a wetlands examination has been made by a private consultant or government agency. Each developer of a project is urged, for his own protection and planning, to procure such information prior to submission for a CAMA permit;
- (4) a narrative description of the proposed development that shall include, at a minimum, the following information:
  - (A) the character of the development (i.e. residential, commercial, recreational, etc.);
  - (B) the maximum number of residential living units that will be permitted;
  - (C) the maximum acreage that will be utilized for non-residential purposes;
  - (D) a statement as to whether wastewater treatment is to be by municipal system, septic tank, or other on-site treatment system. A general description of any on-site treatment system shall be included;
  - (E) a statement that access, as required by all land use regulations, is available through the site to the Area of Environmental Concern without crossing any Section +404= wetland or, if such a crossing is required, a statement that said crossing is properly authorized. If the site contains significant wetlands, such statement may be required from a qualified private consultant or government agency, based on an examination of the property by such private consultant or government agency. The CAMA permit when issued may be conditioned upon the procurement of any required wetlands permit, if the need for such is disclosed by such statement:
- any maps or plans that have been prepared to meet other regulatory requirements such as stormwater management and sedimentation and erosion control.

(d) Following review of the permit application, including the aforementioned supporting data (Subparagraphs 1-59), a permit may be issued conditioned upon compliance with the development parameters provided in the narrative statement accompanying the application. Any subsequent violation of these narrative standards as incorporated within the permit shall be a permit violation. No subsequent permit, permit modification, or other agency approval shall be required for any subsequent work performed outside the Area of Environmental Concern as long as such work is within the parameters described in the narrative statement presented with the permit, and included in the permit conditions. Any subsequent change in the development which changes the parameters of the narrative, statement shall be submitted to the staff, but no new permit or permit modification shall be required unless staff finds that the changes would have reasonable expectation of adversely affecting an Area of Environmental Concern or rendering the project inconsistent with Local Land Use Plans. Nothing in this Rule would prohibit an applicant from proceeding with work outside an AEC that cannot reasonably be determined to have a direct adverse impact on the AEC while a permit application for work in the AEC is pending provided that all other necessary local, state, and federal permits have been obtained.

2 of 3

- History Note: Authority G.S. <u>113-229(n)(3)</u>; <u>113-230(a)</u>; <u>113A-119</u>; <u>113A-124</u>;
   Eff. March 15, 1978;
- 3 Amended Eff. July 1, 1989;
- 4 <u>Readopted Eff. October 1, 2022.</u>

15A NCAC 07J .0206 is readopted with changes as published in 34:09 NCR 762 as follows: 1 2 3 PUBLIC NOTICE OF THE PROPOSED DEVELOPMENT REQUIREMENTS 15A NCAC 07J .0206 4 Within a reasonable time after receiving an application for a major development permit, a significant modification to 5 an application for a major permit, or an application to modify substantially a previously issued major permit, the 6 Division of Coastal Management shall issue public notice of the proposed development as provided in G.S. 7 113A 119(b). Any citizen or group will, upon request, be promptly sent a copy of the application upon payment of a 8 reasonable fee to cover costs of copying, handling, and posting. In accordance with G.S 113A-119(b) the Division of 9 Coastal Management shall issue public notice of proposed development. 10 11 12 History Note: Authority G.S. 113A-119(b); 13 Eff. March 15, 1978; 14 Amended Eff. January 1, 1990; October 1, 1988; November 1, 1983; Readopted Eff. January 1, 2023. 15

1 15A NCAC 07J .0207 is readopted as published in 34:09 NCR 762 as follows: 2 3 15A NCAC 07J .0207 **AGENCY REVIEW** OF REVIEW/COMMENTS: **MAJOR** 4 DEVELOPMENT/DREDGE AND FILL DEVELOPMENT AND DREDGE AND 5 FILLL APPLICATIONS 6 (a) In order to determine the impact of the proposed project, the Department shall prepare a field report on each major 7 development and/or dredge and fill permit application accepted for processing. Such report shall be prepared after an 8 on-site investigation is made, preferably in the presence of the applicant or his agent. The report will shall include 9 such topics as project location, environmental setting, project description and probable environmental impact, impact 10 but will not include recommendations of the office. 11 (b) In order to comply with G.S. 113A-120(a)(4), The the Department will shall circulate major development permit applications to the several state State review agencies having expertise in the criteria enumerated in G.S. 113A 120. 12 13 G.S. 113A-113(b)(1-9). 14 (c) In order to comply with G.S. 113A-120(a)(2), the The Department will shall circulate dredge and fill permit applications to the several state review agencies having expertise in those matters enumerated in G.S. 113 229(e) 15 (1) (5). G.S. 113-229(e)(1-5). 16 17 (d) Each reviewing agency may make an independent analysis of the application and submit recommendations and 18 comments to the Department. Such recommendations and comments will shall be considered by the Department in 19 taking action on a permit application. (e) Each reviewing agency may request additional information (including Stormwater Management Plans) related to 20 21 the scale and scope of the projects, such as Stormwater Management Plans, from the applicant through the Division 22 of Coastal Management if such information is deemed necessary for a therough and complete review of the 23 application. The applicant will shall be notified of the requirement for additional information and permit processing 24 will be suspended according to 15A NCAC 7J .0204(d). 25 (f) The Division of Coastal Management is one of the state State agencies that comments on dredge and fill project 26 applications. In its role as a commenting agency the Division will use criteria in 15A NCAC 7H and local land 27 use plans to assess whether to recommend permit issuance, permit issuance with conditions, or permit denial. Other 28 commenting state agencies will make assessments, in accordance with Paragraph (c) of this Rule. 29 30 History Note: Authority G.S. 113-229; 113A-124(a)(1); 113A-127; 31 Eff. March 15, 1978; 32 Amended Eff. July 1, 1989; October 1, 1988; September 1, 1985; November 1, 1984; 33 Readopted Eff. January 1, 2023.

15A NCAC 07J .0208 is readopted with changes as published in 34:09 NCR 762 as follows:

1 2 3

## 15A NCAC 07J .0208 PERMIT CONDITIONS

- 4 (a) In compliance with G.S. 113A-120(a)(4) and G.S. 113A-120(a)(2), Each each of the several state review State, 5 federal and local reviewing agencies may submit specific recommendations regarding the manner in which the 6 requested work proposed development should be carried out accomplished and suggest reasonable including 7 limitations on the work development in order to protect the public interest with respect to the factors enumerated in in 8 G.S. 113A-113(b)(1-9) and 113-229(e)(1-5). G.S. 113A-120 and/or G.S. 113 229(e). The several state review State, 9 federal and local reviewing agencies also may submit specific recommendations regarding limitations to be placed on 10 the operation and maintenance of the completed project, as necessary to ensure continued protection of the 11 public interest with respect to those factors. Such limitations may be recommended by the Department or commission 12 <del>to be</del>-imposed <mark>by the Department-</mark>on the project in the form of "permit conditions". Upon the failure of the applicant 13 to appeal a permit condition, the applicant will shall be deemed to have amended his permit to conform to the 14 conditions imposed by the Department. Compliance with operational and/or and maintenance conditions must shall 15 continue for the life of the project.
  - (b) The local permit officer may condition a minor development permit upon amendment of the proposed project to take whatever measures may be reasonably necessary to protect the public interest with respect to the factors enumerated in G.S. 113A-120. The applicant must shall sign the conditioned grant permit as an indication of amendment of the proposed project in a manner consistent with the conditions set out by the local permit officer before the permit shall become effective.
- 21 (c) Failure to comply with permit conditions constitutes a violation of an order of the Commission under G.S. 113A-126.

23 24

16

17 18

19

20

- History Note: Authority G.S. <u>113-229;</u> 113A-120(b); 113A-124(a)(1); <del>113A-124(c)(5);</del> <u>113A-127;</u>
- 25 Eff. March 15, 1978;
- 26 Amended Eff. March 1, 1985; November 1, 1984.
- 27 Readopted Eff. January 1, 2023.

1						
2	SECTION .0400 - COASTAL ENERGY DEVELOPMENT - GENERAL POLICIES					
3						
4	15A NCAC 07M .0401 DECLARATION OF GENERAL POLICY					
5	(a) The policy statements in this section are enforceable and shall be considered by local governments and DCM					
6	when issuing permits and implementing the coastal management program under this Subchapter, and commenting or					
7	federal permits and activities pursuant to Section 307 of the federal Coastal Zone Management Act.					
8	(b) It is hereby declared that the general welfare and public interest require that reliable sources of energy be made					
9	available to the citizens of North Carolina. It is further declared that the development of energy facilities and energy					
10	resources within the state and in offshore waters can serve important regional and national interests. However, unwise					
11	development of energy facilities or energy resources can conflict with the recognized and equally important publi					
12	interest that rests in conserving and protecting the land and water resources of the state and nation, particularly coasta					
13	lands and waters. Therefore, in order to balance the public benefits of energy development with the need to:					
14	(1) protect coastal resources; and					
15	(2) preserve access to and utilization of public trust resources, the planning of future uses affecting both					
16	land and public trust resources,					
17	the exercise of regulatory authority, and determinations of consistency with the North Carolina Coastal Managemer					
18	Program shall assure that the development of energy facilities and energy resources shall avoid significant advers					
19	impact upon coastal resources or uses, public trust areas and public access rights.					
20	(c) Exploration for the development of offshore and Outer Continental Shelf (OCS) energy resources has the potentia					
21	to affect coastal resources. The Federal Coastal Zone Management Act of 1972, as amended, requires that leasing					
22	actions of the federal government be consistent to the maximum extent practicable with the enforceable policies of					
23	the federally approved North Carolina Coastal Management Program, and that exploration, development an					
24	production activities associated with such leases comply with those enforceable policies. Enforceable policie					
25	applicable to OCS activities include all the provisions of this Subchapter as well as any other federally approve					
26	components of the North Carolina Coastal Management Program. All permit applications, plans and assessment					
27	related to exploration or development of OCS resources and other energy facilities shall contain information to allow					
28	analysis of the consistency of all proposed activities with these Rules.					
29						
30	History Note: Authority G.S. 113A-102(b); 113A-107; 113A-124;					
31	Eff. March 1, 1979;					
32	Amended Eff. November 3, 1997 pursuant to E.O. 121, James B. Hunt Jr., 1997;					
33	Temporary Amendment Eff. July 8, 1999: December 22, 1998:					

Amended Eff. February 1, 2011; August 1, 2000;

Readopted Eff. January 1, 2023.

34

35

15A NCAC 07M .0402 is readopted as published with changes in 34:09 NCR 764 as follows:

#### 15A NCAC 07M .0402 DEFINITIONS

- (a) "Impact Assessment" is an analysis which discusses of the potential environmental, economic economic, and social consequences, including cumulative and secondary impacts, of a proposed major energy facility. At a minimum, the An Impact Assessment assessment shall include includes the following and for each of the following shall discuss and assess any assess the effects the project will have on the use of public trust waters, adjacent lands and on the coastal resources, including the effects caused by activities related to exploration or development of OCS resources and other energy facilities outside the coastal area:
  - (1) a discussion an analysis of the preferred sites for those elements of the project affecting the use of public trust waters, adjacent lands and the coastal resources:
    - (A) In all cases where the preferred site is located within an area of environmental concern (AEC) or on a barrier island, the applicant shall identify alternative sites considered and present a full discussion analysis [in terms of Subparagraphs (a)(2) through (9) of this Rule] of the reasons why the chosen location was deemed more suitable than another feasible alternate site;
    - (B) If the preferred site is not located within an AEC or on a barrier island, the applicant shall present evidence an analysis to support the proposed location over an a feasible alternate site;
    - (C) In those cases where an applicant chooses a site previously identified by the state as suitable for such development and the site is outside an AEC or not on a barrier island, alternative site considerations shall not be required as part of this assessment procedure;
  - an analysis of the economic impacts, both positive and negative, of the proposed project. This discussion The analysis shall focus on economic impacts to the public, not on matters that are purely internal to the corporate operation of the applicant. No proprietary or confidential economic data shall be required. This discussion analysis shall include analysis of likely potential adverse impacts upon the ability of any governmental unit to furnish necessary services or facilities as well as other secondary impacts. impacts of significance;
  - (3) <u>a discussion</u> <u>an analysis</u> of potential adverse impacts on coastal resources, including marine and estuarine resources and wildlife resources, as defined in G.S. 113-129;
  - (4) <u>a discussion</u> an analysis of potential adverse impacts on existing industry and potential limitations on the availability of, and accessibility to, coastal resources, including beach compatible sand and water, for future use or development;
  - (5) <u>a discussion</u> <u>an analysis</u> of potential significant adverse impacts on recreational uses and scenic, archaeological and historic resources;
  - (6) a discussion an analysis of potential risks to human life or property;

- (7) a discussion and an analysis of the impacts on the human environment including noise, vibration and visual impacts;
  - (8) a discussion an analysis of the procedures and time needed to secure an energy facility in the event of severe weather conditions, such as extreme wind, currents and waves due to northeasters and hurricanes;
  - (9) other specific data necessary required for the various state and federal agencies and commissions with jurisdiction to evaluate the consistency of the proposed project with relevant standards and guidelines;
  - (10) a plan regarding the action to be taken upon the decommissioning and removal of the facility and related structures. The plan shall include an estimate of the cost to decommission and remove the energy facility including a discussion of the financial instrument(s) used to provide for the decommissioning and the removal of the structures that comprise the energy facility. The plan shall also include a proposed description of the condition of the site once the energy facility has been decommissioned and removed.
  - (11) a specific demonstration an analysis that the proposed project is consistent with relevant local land use plans. plans and with guidelines governing land uses in AECs.

Any An impact assessment analysis for a proposed major energy facility shall include a discussion of the items described in Subparagraphs (a)(1) through (11) of this Rule for the associated energy exploration or development activities related to exploration or development of OCS resources and other energy facilities, including all foreseeable assessments of resource potential, including the gathering of scientific data, exploration wells, and any delineation activities that are likely to follow development, production, maintenance and decommissioning.

- (b) "Major energy facilities" are those energy facilities, including those described in G.S. 113A-119.2(3), which because of their size, magnitude or scope of impacts, have the potential to affect negatively impact any land or water use or coastal resource of the coastal area. For purposes of this definition, major energy facilities shall include include, but are not necessarily limited to, the following:
  - (1) Any facility eapable of refining petroleum products; consistent with G.S. 143-215.77;
  - (2) Any terminals (and associated facilities) capable of handling, processing, or storing petroleum products or synthetic gas gas; as defined in G.S 143-215.96;
  - (3) Any petroleum storage facility that is capable of storing 15 million gallons or more on a single site;
  - (4) Gas, coal, oil or nuclear electric generating facilities 300 MGW or larger;
  - (5) Wind energy facilities, including turbines, accessory buildings, transmission facilities and other equipment necessary for the operation of a wind generating facility that cumulatively, with any other wind energy facility whose turbines are located within one-half mile of one another, are capable of generating three megawatts or larger;
  - (6) Thermal energy generation;

36 (7) <u>Major pipelines</u> <u>Pipelines</u> 12 inches or more in diameter that carry petroleum products or synthetic gas;

1	(8)	Structures, including drillships and floating platforms and structures relocated from other states or
2		countries, located in offshore waters for the purposes of energy exploration, development or
3		production; and
4	(9)	Onshore support or staging facilities related to offshore energy exploration, development or
5		production.
6	(c) "Offshore v	waters" are those waters seaward of the state's three-mile offshore jurisdictional boundary in which
7	development ac	tivities may impact any land or water use or natural resource of the state's coastal area.
8	(d) "Adverse in	npact," "adverse impacts," "adverse effects," or similar formulations, are defined as an effect or impact
9	that is oppo	osed or antagonistic to the goals of the Coastal Area Management Act as found in G.S. 113A-102(b)
10	and with th	e provisions of G.S. 113-229(3).
11	(e) "Significan	t" as used in this section includes consideration of both context and intensity. Context means that the
12	<u>significanc</u>	e of an adverse impact or effect must be analyzed from several perspectives that include society as a
13	<u>whole (hun</u>	nan, national), the affected subregion of the North Carolina coast, the local area and all directly and
14	indirectly a	affected parties. Both short-and long-term effects are relevant. b) Intensity refers to the severity of
15	impact or e	ffect. The following shall be considered in evaluating intensity:
16	(1)	both beneficial and adverse impacts;
17	(2)	the degree to which the proposed action affects public health or safety:
18	(3)	unique characteristics of the geographic area;
19	<u>(4)</u>	the degree to which the effects on the quality of the human environment are likely to be controversial;
20	(5)	the degree to which the possible effects on the environment are uncertain or involve unique or
21		unknown risks;
22	<u>(6)</u>	the degree to which the action may establish a precedent for future actions;
23	<u>(7)</u>	the degree to which the action is related to other actions with individually insignificant but
24		cumulatively significant impacts. Significance cannot be avoided by terming an action temporary or
25		by breaking it down into small component parts;
26	<u>(8)</u>	the degree to which the action may cause the loss or destruction of scientific, cultural, historical, and
27		environmental resources and;
28	<u>(9)</u>	the impact is more than de minimus, that is, large enough to make a difference.
29		
30		
31	History Note:	Authority G.S. 113A-102(b); 113A-107; 113A-119.2; 113A-124;
32		Eff. March 1, 1979;
33		Amended Eff. October 1, 1988;
34		Amended Eff. November 3, 1997 pursuant to E.O. 121, James B. Hunt Jr., 1997;
35		Temporary Amendment Eff. July 8, 1999; December 22, 1998;
36		Amended Eff. March 1, 2011; August 1, 2000;
37		Readopted Eff. October 1, 2022.

15A NCAC 07M .0403 is adopted as emergency rule as follows:

1 2 3

## 15A NCAC 07M .0403 COASTAL ENERGY DEVELOPMENT - SPECIFIC POLICY STATEMENTS

- 4 (a) The policy statements in this section are enforceable and shall be considered by local governments and DCM when issuing permits and implementing the coastal management program under this Subchapter, and commenting on
- 6 federal permits and activities pursuant to Section 307 of the federal Coastal Zone Management Act.
- 7 (b) The <u>siting</u> and operations of major energy facilities <u>impacting</u> the use of public trust waters and adjacent lands or
- 8 coastal resources of North Carolina shall be done in a manner that allows for protection of the environment and local
- 9 and regional socio-economic goals as set forth in the local land-use plan(s) and in 15A NCAC 07H and 07M. The
- 10 placement and operation of such facilities shall be consistent with state rules and statutory standards and shall comply
- with local land use plans and with use standards for development within AECs, as set forth in 15A NCAC 07H.
- 12 (c) Proposals, plans and permit applications for major energy facilities to be <u>sited</u> in or <u>impacting</u> any land or water
- 13 use or coastal resource of the North Carolina coastal area shall include a disclosure of all costs and benefits associated
- with the project. This disclosure shall be prepared in the form of an impact assessment as defined in 15A NCAC 07M
- 15 .0402 prepared by the applicant. If environmental documents are prepared and reviewed under the provisions of the
- National Environmental Policy Act (NEPA) or the North Carolina Environmental Policy Act (NCEPA), this review
- 17 <u>shall</u> satisfy the definition of "impact assessment" if all issues listed in this Rule are addressed and these documents
- 18 are submitted to review state permit applications for the project or consistency determinations.
- 19 (d) Local governments shall not restrict the development of energy facilities; however, they may develop siting
- 20 measures that will minimize impacts to local resources and to identify potential sites suitable for energy facilities.
- This section shall not limit the ability of a city or county to plan for and regulate the siting of a wind energy facility
- 22 in accordance with land-use regulations authorized under Chapter 160A and Chapter 153A of the General Statutes.
- Wind energy facilities constructed within the planning jurisdiction of a city or county shall demonstrate compliance
- 24 with any local ordinance concerning land use and any applicable permitting process.
- 25 (e) Energy facilities that do not require shorefront access shall be sited inland of the shoreline areas. When the siting
- 26 of energy facilities along shorelines of the coastal zone area are necessary, shoreline siting shall be acceptable only if
- 27 it can be demonstrated that there are no significant adverse impacts to coastal resources, public trust waters, and the
- 28 public's right to access will not be restricted, and all mitigating measures have been taken to minimize impacts to
- 29 AECs. Mitigating measures shall be determined after consideration of economics, technical feasibility, areal extent
- of impacts and impacted area.
- 31 (f) The scenic and visual qualities of coastal areas shall be considered and protected as public resources consistent
- 32 with G.S. 113A-1-2(b)(4)(a). Energy development shall be sited and designed to provide maximum protection of
- views to and along the ocean, sounds and scenic coastal areas, and to minimize the alteration of natural landforms.
- 34 (g) All energy facilities in or <u>impacting</u> the use of public trust waters and adjacent lands or coastal <u>resources</u> shall be
- 35 sited and operated so as to comply with the following criteria:
- 36 (1) Activities that <u>may</u> result in significant adverse impacts on <u>coastal resources</u>, including marine and
- estuarine resources and wildlife resources, as defined in G.S. 113-129, and significant adverse

1 impacts on the use of public trust waters and adjacent lands in the coastal area shall be avoided. <del>unless site specific information demonstrates that each such activity will result in no significant</del> 2 adverse impacts on the use of public trust waters and adjacent lands or coastal resources; 3 4 (2) For petroleum facilities, data and information required for State permits and federal consistency 5 reviews, pursuant to 15 CFR part 930, shall assess the risks of petroleum release or spills, evaluate 6 possible trajectories, and enumerate response and mitigation measures employing the best available 7 technology to be followed in the event of a release or spill. The information shall demonstrate that 8 the potential for petroleum release or spills and ensuing damage to coastal resources has been 9 minimized and shall factor environmental conditions, currents, winds, and inclement events such as 10 northeasters and hurricanes, in trajectory scenarios. This same data and information shall be 11 required for facilities requiring an Oil Spill Response Plan; 12 (3) Dredging, spoil disposal and construction of structures that are likely to have significant adverse 13 impacts on the use of public trust waters and adjacent lands or coastal resources shall be avoided; 14 minimized, and any unavoidable actions of this sort shall minimize damage to the marine 15 environment; (4) 16 Significant adverse impacts to existing or traditional uses, such as fishing, navigation and access to 17 public trust areas, and areas with high biological or recreational value such as those listed in 18 Subparagraphs (f)(10)(A) and (H) of this Rule, shall be avoided; avoided to the extent that such damage or interference is likely to have significant adverse impacts on the use of public trust waters 19 and adjacent lands or coastal resources; 20 21 (5) Placement of structures in geologically unstable areas, such as unstable sediments and active faults, shall be avoided to the extent that damage to such structures resulting from geological phenomena 22 23 is likely to if the siting of structures will have significant adverse impacts on the use of public trust 24 waters, adjacent lands or coastal resources; 25 (6) Procedures necessary to secure an energy facility in the event of severe weather conditions, such as 26 extreme wind, currents and waves due to northeasters and hurricanes, shall be initiated to ensure 27 that significant adverse impacts on the use of public trust waters, adjacent lands and coastal 28 resources; 29 (7) Significant adverse impacts on federally listed threatened or endangered species shall be avoided; 30 (8) Major energy facilities are not appropriate uses in fragile or historic areas, and other areas containing 31 environmental or natural resources of more than local significance, as defined in G.S. 113A-32 113(b)(4), such as parks, recreation areas, wildlife refuges, and historic sites; 33 (9) Energy facilities shall not be sited in areas where they pose a threat to the integrity of the facility 34 and surrounding areas, such as ocean front areas with high erosion rates, areas having a history of overwash or inlet formation, and Inlet Hazard Areas identified in 15A NCAC 07H .0304; 35 36 (10)In the siting of energy facilities and related structures, significant adverse impacts to the following 37 areas shall be avoided:

1		(A)	areas of high biological significance, including offshore reefs, rock outcrops, hard bottom		
2		. ,	areas, sea turtle nesting beaches, coastal wetlands, primary or secondary nursery areas or		
3			spawning areas and essential fish habitat areas of particular concern as designated by the		
4			appropriate fisheries management agency, oyster sanctuaries, submerged aquatic		
5			vegetation as defined by the Marine Fisheries Commission, colonial bird nesting areas, and		
6			migratory bird routes;		
7		(B)	tracts of maritime forest in excess of 12 contiguous acres and areas identified as eligible		
8			for registration or dedication by the North Carolina Natural Heritage Program;		
9		(C)	crossings of streams, rivers, and lakes except for existing corridors;		
10		(D)	anchorage areas and port areas;		
11		(E)	artificial reefs, shipwrecks, and submerged archaeological resources;		
12		(F)	Ocean Dredged Material Disposal Sites:		
13		(G)	primary dunes and frontal dunes;		
14		(H)	established recreation or wilderness areas, such as federal, State and local parks, forests,		
15			wildlife refuges:		
16		(I)	military air space, training or target area and transit lanes;		
17		(J)	cultural or historic sites of more than local significance; and		
18		(K)	segments of Wild and Scenic River System.		
19	(11)	Construction of energy facilities shall occur only during periods of lowest biological vulnerability.			
20		Nesting and spawning periods shall be avoided; and			
21	(12)	If facilities located in the coastal area are abandoned, habitat of value equal to or greater than that			
22		existing prior to construction shall be restored following abandonment. For abandoned facilities			
23		outside	the coastal area, habitat in the areas shall be restored to its preconstruction state and functions		
24		if the abandonment of the structure is likely to have significant adverse impacts on the use of public			
25		trust waters, adjacent lands or coastal resources.			
26					
27	History Note:	Authori	Authority G.S. 113A-102(b); 113A-107; 113A-124;		
28		Eff. March 1, 1979;			
29		Amended Eff. April 1, 1992;			
30	Amended Eff. November 3, 1997 pursuant to E.O. 121, James B. Hunt Jr., 1997;				
31		Temporary Amendment Eff. July 8, 1999; December 22, 1998;			
32		Amende	ed Eff. February 1, 2011; August 1, 2000;		
33		<u>Readop</u>	oted Eff. January 1, 2023.		

1 15A NCAC 07M .0701 is adopted as emergency rule as follows: 2 3 SECTION .0700 – MITIGATION <u>- GERNAL POLICY</u> 4 5 **DECLARATION OF GENERAL POLICY** 15A NCAC 07M .0701 6 (a) The policy statements in this section are enforceable and shall be considered by local governments and DCM 7 when issuing permits and implementing the coastal management program under this Subchapter, and commenting on federal permits and activities pursuant to Section 307 of the federal Coastal Zone Management Act. 8 (a)(b) It is the policy of the State of North Carolina Coastal Resources Commission to require that adverse impacts 9 10 to coastal lands and waters be mitigated or minimized through proper planning, site selection, compliance with 11 Commission's standards for development, and creation or restoration of coastal resources. Coastal ecosystems shall 12 be protected and maintained as complete and functional systems by mitigating the adverse impacts of development as much as feasible by enchancing, enhancing, creating, or restoring areas with the goal of improving or maintaining 13 14 ecosystem function and areal proportion. 15 (b)(c) The CRC shall apply mitigation requirements as defined in this Section consistent with the goals, policies and objectives set forth in the Coastal Area Management Act G.S. 113A-102 for coastal resource management and 16 17 development. Mitigation shall be used to enhance coastal resources and offset any potential losses occurring from 18 approved permitted and unauthorized unpermitted development. Proposals to mitigate losses of coastal resources 19 shall be considered only for those projects development shown to be in the public interest, as defined by the standards 20 in 15A NCAC 07M .0703. 15A NCAC 7M .0703, and only after all other reasonable means of avoiding or minimizing 21 such losses have been exhausted. 22 23 History Note: Authority G.S. 113A-102(b); 113A-107; 113A-113; 113A-120(a); 113A-124; 113-229 24 Eff. January 1, 1984; 25 Amended Eff. September 1, 1985; 26 Readopted Eff. January 1, 2023.

1 15A NCAC 07M .0703 is adopted as emergency rule as follows: 2 3 15A NCAC 07M .0703 MITIGATION CANDIDACY PROJECTS 4 (a) Before the The CRC may approve a development project for mitigation candidacy if the applicant shall can 5 demonstrate that all of the following criteria can be are met: 6 there is no reasonable or prudent alternate design or location for the project that would avoid the (1) 7 losses to be mitigated; 8 (2) the entire project for which the permit is requested is dependent upon being located within or in 9 <del>close</del>-proximity to public trust waters and coastal wetlands; 10 (3) benefits to the public interest will elearly outweigh the long range adverse impacts effects to the 11 environment. A benefit to the public interest may be established by a project which has been elearly 12 shown to be the least damaging alternative and which: 13 (A) if publicly funded funded creates benefits of national or state importance. This category 14 may include but is not limited to public roadways, navigation projects, state ports, and 15 projects designed to provide public access to the water; public trust waters; (B) if privately funded funded, provides increased access opportunities to public trust resources 16 17 available to the general public for free or for a nominal fee, or provides significant 18 economic benefits to the state or community in accord and is consistent with the local land 19 use plan; plan. all reasonable means and measures to lessen the impacts of the project have been incorporated into 20 21 the project design. 22 (b) Mitigation may also be the basis for CRC approval for projects which cannot meet all the criteria of 15A NCAC 23 7M-07M .0703(a) if the CRC determines that public benefits of the project and enhancement and protection of the 24 environment everwhelmingly outweigh environmental losses based on the criteria set out in 15A NCAC 07M 25 .0703(d). 26 (c) Mitigation candidacy projects may be considered by the CRC during the permit processing time prescribed in 15A 27 NCAC 7J .0204, in accordance with the procedures set out in 15A NCAC 7J .0600 concerning declaratory rulings. 28 The applicant may request a declaratory ruling on the applicability of the mitigation policy as set forth in 15A NCAC 29 7M .0703(a) provided that the applicant agrees that the permit processing time period set out in 15A NCAC 07J .0600 30 will not run during the pendency of the declaratory ruling consideration. If a declaratory ruling is to be issued pursuant 31 to the applicant's request, a public meeting will be held to discuss the proposed project and to assist the Commission 32 in obtaining the information necessary to make the declaratory ruling, and to receive comments from the public prior 33 to presenting the ruling request to the Commission. Information concerning the proposed mitigation may also be 34 introduced at the meeting. CRC approval of the mitigation eandidacy project is binding on the Commission and the person applicant requesting it, in accordance with 15A NCAC 71-071.0603(e). 35 36 (d) In determining whether to approve an application for development for which mitigation is proposed, the Division of Coastal Management shall consider the scope of the project, the site of the proposed mitigation, the amount of 37

```
mitigation proposed, the historic uses of the development site and mitigation site, the public trust, and significant adverse impacts.

History Note: Authority G.S. 113A-102(b); 113A-107; 113A-113; 113A-120(a); 113A-124; 113-229;

Eff. January 1, 1984;

Amended Eff. September 1, 1985;

Readopted Eff. January 1, 2023.
```

1 15A NCAC 07M .0704 is readopted as published with changes in 34:09 NCR 764 as follows: 2 3 15A NCAC 07M .0704 POLICY STATEMENTS MITIGATION - SPECIFIC POLICIES 4 (a) The policy statements in this section are enforceable and shall be considered by local governments and DCM when issuing permits and implementing the coastal management program under this Subchapter, and commenting on 5 6 federal permits and activities pursuant to Section 307 of the federal Coastal Zone Management Act. 7 (a)(b) The Division of Coastal Management shall consider following forms of mitigation requests based on the 8 following are ranked in order of preference: 9 Enhancement of coastal resources with created or restored systems determined to be potentially (1) 10 more productive of the resources characteristic of unaltered North Carolina ecosystems than those 11 12 (2) Creation or restoration of an area of similar ecological utility and potential biological value than that 13 destroyed or altered. Creation or restoration of an area with a desirable but different ecological function or potential than 14 (3) 15 that destroyed or altered. (4) The following forms of mitigation will shall be considered by the Division of Coastal Management 16 even though they do not meet the definition in 15A NCAC 7M .0702. They are actions which by 17 themselves shall not be deemed adequate to offset habitat losses, but and may be used in 18 19 combination with Subparagraphs (a) (1) through (3) to achieve the stated goal set forth in 15A NCAC 07M .0703(d). of these Rules. 20 21 Acquisition for public ownership of unique and ecologically important systems not (A) 22 protected by state and/or or federal regulatory programs. The type of impacts to be 23 mitigated and the quality of the area to be acquired will be considered on a case-by-case 24 basis. 25 (B) Transfer of privately owned lands subject to state and federal regulatory control regulation 26 into public ownership. Provisions of funds for State, federal or accredited institution research or for management 27 (C) 28 programs. 29 Increased public access to public trust resources for recreational use. (D) 30 (b)(c) Mitigation proposals may be the basis for approval of a development which is otherwise in conflict with general or specific use standards set forth in 15A NCAC 7H 07H .0208. If a development represents no significant loss to 31 32 coastal resources, the mitigation proposal must be on site, or proximate thereto, and must be designed to enhance the 33 coastal environment. 34 <del>(e)(d)</del> Mitigation proposals to offset losses <u>of coastal resources</u> <del>associated with</del> <u>due to</u> publicly funded projects shall be reviewed by the staff Division of Coastal Management with the sponsoring agency and incorporated into the project 35 plans. by the State or federal agency. 36

```
1
      (d)(e) Approved mitigation proposals for all categories of development shall become a part of permit conditions
2
      according to G.S. 113A-120(b) and thereby subject to enforcement authority pursuant to G.S. 113A-126. G.S.
      113A 126 and shall be memorialized in a mitigation agreement which will constitute a contract between the applicant
3
4
      and the CRC.
5
      (e) Those projects consistent with the review criteria for permit approval shall be exempt from mitigation
6
      requirements.
7
8
                       Authority G.S. 113A-102(b); 113A-107; 113A-113; 113A-120(a); 113A-124; 113A-126;
      History Note:
9
                       Eff. January 1, 1984;
                       Readopted Eff. January 1, 2023.
10
```

1 15A NCAC 07M .1101 is readopted as published with changes in 34:09 NCR 764 as follows: 2 3 SECTION .1100 - BENEFICIAL USE OF DREDGED MATERIALS FROM NAVIGATIONAL CHANNEL 4 MAINTENANCE AND EXCAVATION – GENERAL POLICIES 5 15A NCAC 07M .1101 DECLARATION OF GENERAL POLICY 6 (a) The policy statements in this section are enforceable and shall be considered by local governments and DCM 7 when issuing permits and implementing the coastal management program under this Subchapter, and commenting 8 on federal permits and activities pursuant to Section 307 of the federal Coastal Zone Management Act. 9 (b) Dredged material disposal practices may result in removal of material important to the sediment budget of 10 ocean and inlet beaches. This activity may adversely impact natural beach functions especially during storm 11 events and may increase long term erosion rates. Ongoing channel maintenance requirements throughout the 12 coastal area also lead to the need to construct new or expanded disposal sites as existing sites fill. In addition, 13 new sites for disposal are increasingly harder to find due to competition from development interests for suitable 14 sites. Therefore, it is the policy of the State of North Carolina that material resulting from the excavation or 15 maintenance of navigation channels be used in a beneficial way wherever practicable. 16 17 History Note: Authority G.S. 113A-107; 113-229; 18 Eff. October 1, 1992; 19 Readopted Eff. January 1, 2023.