

testing. Written courses that are more than four credits in length are required to have a written test comprising of a minimum of 20 questions. The Firearms Training and Qualifications in-service course and topics delivered pursuant to Rule .0104(1) of this Section shall be exempt from this written test requirement;

- (2) A student shall pass each test by achieving 70 percent correct answers; and
- (3) A student who completes a topic of in-service training in a traditional classroom setting or online and fails the end of topic exam shall be given one attempt to re-test. If the student fails the exam a second time, the student shall complete the in-service training topic in a traditional classroom setting before taking the exam a third time.

Authority G.S. 17C-6; 17C-10.

TITLE 14B – DEPARTMENT OF PUBLIC SAFETY

Notice is hereby given in accordance with G.S. 150B-21.2 and G.S. 150B-21.3A(c)(2)g. that the Alcoholic Beverage Control Commission intends to readopt without substantive changes the rule cited as 14B NCAC 15A .1403.

Pursuant to G.S. 150B-21.2(c)(1), the text of the rule proposed for readoption without substantive changes is not required to be published. The text of the rule is available on the OAH website: <http://reports.oah.state.nc.us/ncac.asp>.

Link to agency website pursuant to G.S. 150B-19.1(c):
abc.nc.gov

Proposed Effective Date: *July 1, 2017*

Public Hearing:

Date: *April 12, 2017*

Time: *10:00 a.m.*

Location: *ABC Commission Hearing Room, 400 East Tryon Road, Raleigh, NC 27610*

Reason for Proposed Action: *Rules Review Commission determination that the rule is "necessary with substantive public interest" pursuant to mandatory review process.*

Comments may be submitted to: *Renee C. Metz, 400 East Tryon Road, Raleigh, NC 27610, phone (919) 779-8331, email renee.metz@abc.nc.gov*

Comment period ends: *May 15, 2017*

Procedure for Subjecting a Proposed Rule to Legislative Review: If an objection is not resolved prior to the adoption of the rule, a person may also submit written objections to the Rules Review Commission after the adoption of the Rule. If the Rules Review Commission receives written and signed objections after

the adoption of the Rule in accordance with G.S. 150B-21.3(b2) from 10 or more persons clearly requesting review by the legislature and the Rules Review Commission approves the rule, the rule will become effective as provided in G.S. 150B-21.3(b1). The Commission will receive written objections until 5:00 p.m. on the day following the day the Commission approves the rule. The Commission will receive those objections by mail, delivery service, hand delivery, or facsimile transmission. If you have any further questions concerning the submission of objections to the Commission, please call a Commission staff attorney at 919-431-3000.

Fiscal impact (check all that apply).

- ☐ State funds affected
- ☐ Environmental permitting of DOT affected Analysis submitted to Board of Transportation
- ☐ Local funds affected
- ☐ Substantial economic impact (≥\$1,000,000)
- ☐ Approved by OSBM
- ☐ No fiscal note required by G.S. 150B-21.4
- ☒ No fiscal note required by G.S. 150B-21.3A(d)(2)

CHAPTER 15 - ALCOHOLIC BEVERAGE CONTROL COMMISSION

SUBCHAPTER 15A - ORGANIZATIONAL RULES: POLICIES AND PROCEDURES

SECTION .1400 - PURCHASE OF ALCOHOLIC BEVERAGES BY LOCAL BOARDS

14B NCAC 15A .1403 SPECIAL ORDERS (READOPTION WITHOUT SUBSTANTIVE CHANGES)

TITLE 15A – DEPARTMENT OF ENVIRONMENTAL QUALITY

Notice is hereby given in accordance with G.S. 150B-21.2 that the Coastal Resources Commission intends to amend the rules cited as 15A NCAC 07H .0306 and 07J .1301.

Link to agency website pursuant to G.S. 150B-19.1(c):
<http://deq.nc.gov/permits-regulations/rules-regulations/proposed-rules>

Proposed Effective Date: *September 1, 2017*

Public Hearing:

Date: *April 27, 2017*

Time: *1:30 p.m.*

Location: *Dare County Government Complex, 954 Marshall C. Collins Drive, Manteo, NC 27954*

Reason for Proposed Action: *General Use Standards for Ocean Hazard Areas 15A NCAC 07H .0306(a)(3) define the seaward limit where an oceanfront Development Line can be established. 15A NCAC 07J .1300 are procedures for requesting, approving and managing oceanfront Development lines, and specify*

information that is to be submitted to the Coastal Resources Commission by the Petitioner. The proposed amendments are intended to both clarify how to determine the oceanward limit, and what information is to be submitted to the Coastal Resources Commission.

Comments may be submitted to: Braxton Davis, 400 Commerce Avenue, Morehead City, NC 28557; email Braxton.Davis@ncdenr.gov

Comment period ends: May 15, 2017

Procedure for Subjecting a Proposed Rule to Legislative Review: If an objection is not resolved prior to the adoption of the rule, a person may also submit written objections to the Rules Review Commission after the adoption of the Rule. If the Rules Review Commission receives written and signed objections after the adoption of the Rule in accordance with G.S. 150B-21.3(b2) from 10 or more persons clearly requesting review by the legislature and the Rules Review Commission approves the rule, the rule will become effective as provided in G.S. 150B-21.3(b1). The Commission will receive written objections until 5:00 p.m. on the day following the day the Commission approves the rule. The Commission will receive those objections by mail, delivery service, hand delivery, or facsimile transmission. If you have any further questions concerning the submission of objections to the Commission, please call a Commission staff attorney at 919-431-3000.

Fiscal impact (check all that apply).

- ☐ State funds affected
- ☐ Environmental permitting of DOT affected
Analysis submitted to Board of Transportation
- ☐ Local funds affected
- ☐ Substantial economic impact ($\geq \$1,000,000$)
- ☐ Approved by OSBM
- ☒ No fiscal note required by G.S. 150B-21.4

CHAPTER 07 - COASTAL MANAGEMENT

SUBCHAPTER 07H - STATE GUIDELINES FOR AREAS OF ENVIRONMENTAL CONCERN

SECTION .0300 - OCEAN HAZARD AREAS

15A NCAC 07H .0306 GENERAL USE STANDARDS FOR OCEAN HAZARD AREAS

(a) In order to protect life and property, all development not otherwise specifically exempted or allowed by law or elsewhere in the Coastal Resources Commission's rules shall be located according to whichever of the following is applicable:

- (1) The ocean hazard setback for development is measured in a landward direction from the vegetation line, the static vegetation line, or the measurement line, whichever is applicable.
- (2) In areas with a development line, the ocean hazard setback line shall be set at a distance in accordance with Subparagraphs (a)(3) through (9) of this Rule. In no case shall new

development be sited seaward of the development line.

- (3) In no case shall a development line be created or established below the mean high water line on state owned lands, or oceanward of the mean high water line or perpetual property easement line, whichever is more restrictive.

- (4) The setback distance shall be determined by both the size of development and the shoreline long term erosion rate as defined in Rule .0304 of this Section. "Development size" is defined by total floor area for structures and buildings or total area of footprint for development other than structures and buildings. Total floor area includes the following:

- (A) The total square footage of heated or air-conditioned living space;
- (B) The total square footage of parking elevated above ground level; and
- (C) The total square footage of non-heated or non-air-conditioned areas elevated above ground level, excluding attic space that is not designed to be load-bearing.

Decks, roof-covered porches, and walkways shall not be included in the total floor area unless they are enclosed with material other than screen mesh or are being converted into an enclosed space with material other than screen mesh.

- (5) With the exception of those types of development defined in 15A NCAC 07H .0309, no development, including any portion of a building or structure, shall extend oceanward of the ocean hazard setback distance. This includes roof overhangs and elevated structural components that are cantilevered, knee braced, or otherwise extended beyond the support of pilings or footings. The ocean hazard setback is established based on the following criteria:

- (A) A building or other structure less than 5,000 square feet requires a minimum setback of 60 feet or 30 times the shoreline erosion rate, whichever is greater;
- (B) A building or other structure greater than or equal to 5,000 square feet but less than 10,000 square feet requires a minimum setback of 120 feet or 60 times the shoreline erosion rate, whichever is greater;
- (C) A building or other structure greater than or equal to 10,000 square feet but less than 20,000 square feet requires a minimum setback of 130 feet or 65 times the shoreline erosion rate, whichever is greater;
- (D) A building or other structure greater than or equal to 20,000 square feet but

- less than 40,000 square feet requires a minimum setback of 140 feet or 70 times the shoreline erosion rate, whichever is greater;
- (E) A building or other structure greater than or equal to 40,000 square feet but less than 60,000 square feet requires a minimum setback of 150 feet or 75 times the shoreline erosion rate, whichever is greater;
- (F) A building or other structure greater than or equal to 60,000 square feet but less than 80,000 square feet requires a minimum setback of 160 feet or 80 times the shoreline erosion rate, whichever is greater;
- (G) A building or other structure greater than or equal to 80,000 square feet but less than 100,000 square feet requires a minimum setback of 170 feet or 85 times the shoreline erosion rate, whichever is greater;
- (H) A building or other structure greater than or equal to 100,000 square feet requires a minimum setback of 180 feet or 90 times the shoreline erosion rate, whichever is greater;
- (I) Infrastructure that is linear in nature such as roads, bridges, pedestrian access such as boardwalks and sidewalks, and utilities providing for the transmission of electricity, water, telephone, cable television, data, storm water, and sewer requires a minimum setback of 60 feet or 30 times the shoreline erosion rate, whichever is greater;
- (J) Parking lots greater than or equal to 5,000 square feet require a setback of 120 feet or 60 times the shoreline erosion rate, whichever is greater;
- (K) Notwithstanding any other setback requirement of this Subparagraph, a building or other structure greater than or equal to 5,000 square feet in a community with a static line exception in accordance with 15A NCAC 07J .1200 requires a minimum setback of 120 feet or 60 times the shoreline erosion rate in place at the time of permit issuance, whichever is greater. The setback shall be measured landward from either the static vegetation line, the vegetation line, or measurement line, whichever is farthest landward; and
- (L) Notwithstanding any other setback requirement of this Subparagraph, replacement of single-family or duplex residential structures with a total floor area greater than 5,000 square feet, and commercial and multi-family residential structures with a total floor area no greater than 10,000 square feet, shall be allowed provided that the structure meets the following criteria:
- (i) the structure was originally constructed prior to August 11, 2009;
 - (ii) the structure as replaced does not exceed the original footprint or square footage;
 - (iii) it is not possible for the structure to be rebuilt in a location that meets the ocean hazard setback criteria required under Subparagraph (a)(5) of this Rule;
 - (iv) the structure as replaced meets the minimum setback required under Part (a)(5)(A) of this Rule; and
 - (v) the structure is rebuilt as far landward on the lot as feasible.
- (6) If a primary dune exists in the AEC on or landward of the lot where the development is proposed the development shall be landward of the crest of the primary dune, the ocean hazard setback, or development line, whichever is farthest from vegetation line, static vegetation line, or measurement line, whichever is applicable. For existing lots, however, where setting the development landward of the crest of the primary dune would preclude any practical use of the lot, development may be located oceanward of the primary dune. In such cases, the development may be located landward of the ocean hazard setback, but shall not be located on or oceanward of a frontal dune or the development line. The words "existing lots" in this Rule shall mean a lot or tract of land which, as of June 1, 1979, is specifically described in a recorded plat and cannot be enlarged by combining the lot or tract of land with a contiguous lot(s) or tract(s) of land under the same ownership.
- (7) If no primary dune exists, but a frontal dune does exist in the AEC on or landward of the lot where the development is proposed, the development shall be set landward of the frontal dune, ocean hazard setback, or development line, whichever is farthest from the vegetation line, static vegetation line, or measurement line, whichever is applicable.
- (8) If neither a primary nor frontal dune exists in the AEC on or landward of the lot where

development is proposed, the structure shall be landward of the ocean hazard setback or development line, whichever is more restrictive.

- (9) Structural additions or increases in the footprint or total floor area of a building or structure represent expansions to the total floor area and shall meet the setback requirements established in this Rule and 15A NCAC 07H .0309(a). New development landward of the applicable setback may be cosmetically, but shall not be structurally, attached to an existing structure that does not conform with current setback requirements.
- (10) Established common law and statutory public rights of access to and use of public trust lands and waters in ocean hazard areas shall not be eliminated or restricted. Development shall not encroach upon public accessways, nor shall it limit the intended use of the accessways.
- (11) Beach fill as defined in Rule .0305(a)(7) of this Section, represents a temporary response to coastal erosion, and compatible beach fill as defined in 15A NCAC 07H .0312 may be expected to erode at least as fast as, if not faster than, the pre-project beach. Furthermore, there is no assurance of future funding or beach-compatible sediment for continued beach fill projects and project maintenance. A vegetation line that becomes established oceanward of the pre-project vegetation line in an area that has received beach fill may be more vulnerable to natural hazards along the oceanfront if the beach fill project is not maintained. A development setback measured from the vegetation line may provide less protection from ocean hazards. Therefore, development setbacks in areas that have received large-scale beach fill as defined in 15A NCAC 07H .0305 shall be measured landward from the static vegetation line as defined in this Section, unless a development line has been approved by the Coastal Resources Commission in accordance with 15A NCAC 07J .1300.
- (12) In order to allow for development landward of the large-scale beach fill project that cannot meet the setback requirements from the static vegetation line, but can or has the potential to meet the setback requirements from the vegetation line set forth in Subparagraphs (a)(1) and (a)(5) of this Rule, a local government, group of local governments involved in a regional beach fill project, or qualified "owners' association" defined in G.S. 47F-1-103(3) that has the authority to approve the locations of structures on lots within the territorial jurisdiction of the association, and has jurisdiction over at least one mile of ocean shoreline, may petition the Coastal Resources

Commission for a "static line exception" in accordance with 15A NCAC 07J .1200. The static line exception applies to development of property that lies both within the jurisdictional boundary of the petitioner and the boundaries of the large-scale beach fill project. This static line exception shall also allow development greater than 5,000 square feet to use the setback provisions defined in Part (a)(5)(K) of this Rule in areas that lie within the jurisdictional boundary of the petitioner, as well as the boundaries of the large-scale beach fill project. The procedures for a static line exception request are defined in 15A NCAC 07J .1200. If the request is approved, the Coastal Resources Commission shall allow development setbacks to be measured from a vegetation line that is oceanward of the static vegetation line under the following conditions:

- (A) Development meets all setback requirements from the vegetation line defined in Subparagraphs (a)(1) and (a)(5) of this Rule;
- (B) Development setbacks shall be calculated from the shoreline erosion rate in place at the time of permit issuance;
- (C) No portion of a building or structure, including roof overhangs and elevated portions that are cantilevered, knee braced, or otherwise extended beyond the support of pilings or footings, extends oceanward of the landward-most adjacent building or structure. When the configuration of a lot precludes the placement of a building or structure in line with the landward-most adjacent building or structure, an average line of construction shall be determined by the Division of Coastal Management on a case-by-case basis in order to determine an ocean hazard setback that is landward of the vegetation line, a distance no less than 30 times the shoreline erosion rate or 60 feet, whichever is greater;
- (D) With the exception of swimming pools, the development defined in Rule .0309(a) of this Section shall be allowed oceanward of the static vegetation line; and
- (E) Development shall not be eligible for the exception defined in Rule .0309(b) of this Section.

(b) In order to avoid weakening the protective nature of ocean beaches and primary and frontal dunes, no development shall be permitted that involves the removal or relocation of primary or frontal dune sand or vegetation thereon that would adversely affect the integrity of the dune. Other dunes within the ocean

hazard area shall not be disturbed unless the development of the property is otherwise impracticable. Any disturbance of these other dunes shall be allowed only to the extent permitted by 15A NCAC 07H .0308(b).

(c) Development shall not cause irreversible damage to historic architectural or archaeological resources as documented by the local historic commission, the North Carolina Department of Natural and Cultural Resources, or the National Historical Registry.

(d) Development shall comply with minimum lot size and setback requirements established by local regulations.

(e) Mobile homes shall not be placed within the high hazard flood area unless they are within mobile home parks existing as of June 1, 1979.

(f) Development shall comply with the general management objective for ocean hazard areas set forth in 15A NCAC 07H .0303.

(g) Development shall not interfere with legal access to, or use of, public resources, nor shall such development increase the risk of damage to public trust areas.

(h) Development proposals shall incorporate measures to avoid or minimize adverse impacts of the project. These measures shall be implemented at the applicant's expense and may include actions that:

- (1) minimize or avoid adverse impacts by limiting the magnitude or degree of the action;
- (2) restore the affected environment; or
- (3) compensate for the adverse impacts by replacing or providing substitute resources.

(i) Prior to the issuance of any permit for development in the ocean hazard AECs, there shall be a written acknowledgment from the applicant to the Division of Coastal Management that the applicant is aware of the risks associated with development in this hazardous area and the limited suitability of this area for permanent structures. By granting permits, the Coastal Resources Commission does not guarantee the safety of the development and assumes no liability for future damage to the development.

(j) All relocation of structures requires permit approval. Structures relocated with public funds shall comply with the applicable setback line as well as other applicable AEC rules. Structures including septic tanks and other essential accessories relocated entirely with non-public funds shall be relocated the maximum feasible distance landward of the present location. Septic tanks may not be located oceanward of the primary structure. All relocation of structures shall meet all other applicable local and state rules.

(k) Permits shall include the condition that any structure shall be relocated or dismantled when it becomes imminently threatened by changes in shoreline configuration as defined in 15A NCAC 07H .0308(a)(2)(B). Any such structure shall be relocated or dismantled within two years of the time when it becomes imminently threatened, and in any case upon its collapse or subsidence. However, if natural shoreline recovery or beach fill takes place within two years of the time the structure becomes imminently threatened, so that the structure is no longer imminently threatened, then it need not be relocated or dismantled at that time. This permit condition shall not affect the permit holder's right to seek authorization of temporary protective measures allowed under 15A NCAC 07H .0308(a)(2).

Authority G.S. 113A-107; 113A-113(b)(6); 113A-124.

**SUBCHAPTER 07J - PROCEDURES FOR PROCESSING
AND ENFORCEMENT OF MAJOR AND MINOR
DEVELOPMENT PERMITS, VARIANCE REQUESTS,
APPEALS FROM PERMIT DECISIONS,
DECLARATORY RULINGS, AND STATIC LINE
EXCEPTIONS**

SECTION .1300 - DEVELOPMENT LINE PROCEDURES

**15A NCAC 07J .1301 REQUESTING THE
DEVELOPMENT LINE**

(a) Any local government, group of local governments involved in a regional beach fill project, or qualified owner's association with territorial jurisdiction over an area that is subject to ocean hazard area setbacks pursuant to 15A NCAC 07H .0305, may petition the Coastal Resources Commission for a development line for the purposes of siting oceanfront development in accordance with the provisions of this Section. A "qualified owner's association" is an owner's association defined in G.S. 47F-1-103(3) that has authority to approve the locations of structures on lots within the territorial jurisdiction of the association and has jurisdiction over at least one mile of ocean shoreline.

(b) A development line request applies to the entire large-scale project area as defined in 15A NCAC 07H .0305(a)(7), and at the petitioner's request may be extended to include the entire oceanfront jurisdiction or legal boundary of the petitioner.

(c) The petitioner shall utilize an adjacent neighbor sight-line approach, resulting in an average line of structures. In areas where the seaward edge of existing development is not linear, the petitioner may determine an average line of construction on a case-by-case basis. In no case shall a development line be established seaward of the most seaward structure within the petitioner's oceanfront jurisdiction.

(d) An existing structure that is oceanward of an approved development line may remain in place until damaged greater than 50 percent in accordance with Rule .0210 of this Subchapter. At that time it may only be replaced landward of the development line, and shall meet the applicable ocean hazard setback requirements as defined in 15A NCAC 07H .0306(a).

(e) A request for a development line or amendment shall be made in writing by the petitioner and submitted to the CRC by sending the written request to the Director of the Division of Coastal Management. A complete request shall include the following:

- (1) A detailed survey of the development line using on-ground observation and survey, or aerial imagery along the oceanfront jurisdiction or legal boundary; any local regulations associated with the development line; a record of local adoption of the development line by the petitioner; and documentation of incorporation of development line into local ordinances or rules and regulations of an owner's association.
- (2) The survey shall include the development line and static vegetation line, static vegetation line, mean high water line, and any other

information the Coastal Resources Commission deems necessary for a review of the petitioner's proposed development line.

- (3) Surveyed development line spatial data in a geographic information systems (GIS) format referencing North Carolina State Plane North American Datum 83 US Survey Foot, to include Federal Geographic Data Committee (FGDC) compliant metadata.

(f) Once a development line is approved by the Coastal Resources Commission, only the petitioner may request a change or reestablishment of the position of the development line.

(g) A development line request shall be submitted to the Director of the Division of Coastal Management, 400 Commerce Avenue, Morehead City, NC 28557. Written acknowledgement of the receipt of a completed development line request, including notification of the date of the meeting at which the request will be considered by the Coastal Resources Commission, shall be provided to the petitioner by the Division of Coastal Management.

(h) The Coastal Resources Commission shall consider a development line request no later than the second scheduled meeting following the date of receipt of a complete request by the Division of Coastal Management, except when the petitioner and the Division of Coastal Management agree upon a later date.

Authority G.S. 113A-107; 113A-113(b)(6); 113A-124.

Notice is hereby given in accordance with G.S. 150B-21.2 that the Wildlife Resources Commission intends to amend the rules cited as 15A NCAC 10F.0303 .0323, and .0339.

Link to agency website pursuant to G.S. 150B-19.1(c): www.ncwildlife.org

Proposed Effective Date: October 1, 2017

Public Hearing:

Date: April 4, 2017

Time: 10:00 a.m.

Location: WRC Headquarters 5th Floor, 1751 Varsity Drive, Raleigh, NC 27606

Reason for Proposed Action:

15A NCAC 10F .0303 – Beaufort County submitted an application for a no-wake zone in the waters of Little Creek, a tributary of Blounts Creek. Staff identified hazards to boater safety that include a shallow creek with approximately 15 docks. Boaters who use the nearby Blounts Creek Boating Access Area enter and exit Little Creek at high speeds, posing dangers to those who swim and recreate in the creek.

15A NCAC 10F .0323 – Burke County submitted a formal application and resolution requesting a no-wake zone on Lake James in the waters of Sherman's Hollow Cove and contiguous with the waters within 50 yards of Linville Point. The no wake zone is necessary to mitigate hazards to boater and swimmer safety. Sherman's Hollow Cove is narrow with obstructed views,

and heavy boat traffic along Linville Point poses dangers to swimmers and kayakers.

15A NCAC 10F .0339 – McDowell County submitted an application for amendments to 15A NCAC 10F .0339 for no-wake zones on Lake James to mitigate hazards to boater safety. An extension of the no-wake zone at Marion Moose Club is requested because the area is heavily populated with many docks and a narrow shallow channel. There is a blind bend in the channel and there have been several boating incidents there. A no-wake zone within 50 yards of the shoreline of the peninsula at Waterglynn Cove Subdivision will mitigate hazards to boaters and swimmers near shore who are endangered by vessels travelling at high speeds in the area. A technical correction is requested to clarify the parameters of the existing no-wake zone at Plantation Point Cove. A no-wake zone is already marked within 50 yards of a boating access area at hidden Cove. This no-wake zone needs to be codified in the NCAC. Amendments under 10F .0339 (a)(11) and (a)(12) will remove no-wake zones at campgrounds that no longer exist or are not navigable and enforceable.

Comments may be submitted to: Betsy Haywood, 1701 Mail Service Center, Raleigh, NC 27699-1701; phone (919) 707-0013; email betsy.haywood@ncwildlife.org

Comment period ends: May 15, 2017

Procedure for Subjecting a Proposed Rule to Legislative Review: If an objection is not resolved prior to the adoption of the rule, a person may also submit written objections to the Rules Review Commission after the adoption of the Rule. If the Rules Review Commission receives written and signed objections after the adoption of the Rule in accordance with G.S. 150B-21.3(b2) from 10 or more persons clearly requesting review by the legislature and the Rules Review Commission approves the rule, the rule will become effective as provided in G.S. 150B-21.3(b1). The Commission will receive written objections until 5:00 p.m. on the day following the day the Commission approves the rule. The Commission will receive those objections by mail, delivery service, hand delivery, or facsimile transmission. If you have any further questions concerning the submission of objections to the Commission, please call a Commission staff attorney at 919-431-3000.

Fiscal impact (check all that apply).

- ☐ State funds affected
- ☐ Environmental permitting of DOT affected
- ☐ Analysis submitted to Board of Transportation
- ☐ Local funds affected
- ☐ Substantial economic impact (≥\$1,000,000)
- ☐ Approved by OSBM
- ☒ No fiscal note required by G.S. 150B-21.4

CHAPTER 10 - WILDLIFE RESOURCES AND WATER SAFETY

SUBCHAPTER 10F - MOTORBOATS AND WATER SAFETY