

15A NCAC 07H .0406 PUBLIC WATER SUPPLY WELL FIELDS

(a) Description. Public water supply well fields are areas of well-drained sands that extend downward from the surface into the shallow ground water table that supplies the public with potable water. These surficial well fields are confined to a definable geographic area identified by the North Carolina Department of Environmental Quality and can be found at

<https://ncdenr.maps.arcgis.com/apps/webappviewer/index.html?id=26f4e2b3140f4e58825e48781cceb5e>.

(b) Use Standards. Development within these AECs shall be consistent with the following standards:

- (1) No ground absorption sewage disposal or subsurface pollution injection systems shall be placed within the designated AEC boundary except to replace systems existing as of July 24, 1987;
- (2) Development shall not limit the quality or quantity of the public water supply or the amount of rechargeable water;
- (3) The development shall not cause salt water intrusion or result in the discharge of contaminants, as defined in 15A NCAC 02L .0202, into standing or groundwater; and
- (4) Groundwater absorption sewage treatment systems may also be used within the AEC boundary if the following provisions are met:
 - (A) the system is serving development on a lot that was platted as of July 24, 1987;
 - (B) there is no other viable method of waste treatment for the permissible development of such lot;
 - (C) there is no space outside the boundaries of the AEC on the lot upon which the treatment system could be located; and
 - (D) the Environmental Health Section of the North Carolina Department of Health and Human Services, prior to the permit decision by the Division of Coastal Management under G.S. 113A-118, 113A-119, and 113A-120, reviews and approves the proposed system as complying with existing rules.

(c) Designated public water supply well field. The CRC has designated Cape Hatteras Well Field as a public water supply well field which shall be subject to the use standards as set out in Paragraph (b) of this Rule. The County of Dare is supplied with raw water from a well field located south of N.C. 12 on Hatteras Island between Frisco and Buxton. The area of environmental concern is bounded by a line located 1,000 feet from the centerlines of three tracts. The first tract is identified as "well field" on maps entitled "Cape Hatteras Wellfield Area of Environmental Concern" approved by the Coastal Resources Commission on July 24, 1987, and extends approximately 12,000 feet west from Water Association Road. The second tract is conterminous with the first tract, is identified as "future well field" on said maps and extends approximately 8,000 feet to the east of Water Association Road. The third tract is identified as "future well field" on said maps and extends approximately 6,200 feet along the National Park Service boundary east of Water Association Road. A map of the Cape Hatteras Well Field AEC is available from the Division of Coastal Management, 400 Commerce Avenue, Morehead City, NC 28557.

History Note: Authority G.S. 113A-107(a); 113A-107(b); 113A-113(b)(3)a.; 113A-124; 113A-124(c)(8); Eff. September 9, 1977; Amended Eff. December 1, 1997; April 1, 1995; May 1, 1990; October 1, 1987; November 1, 1984; Readopted Eff. June 1, 2021.