



**Legend**

**Species-Based Habitat Ranking**

- Rank 3 - State threatened species
- Rank 4 - State endangered species
- Rank 5 - Federal threatened/endangered species

Municipal Boundary

County and Wastewater Management Planning Area Boundary

Water Quality Management Plan Boundary (Sussex County)

Parcels

Lakes

Streams

**Roads**

- Interstate
- US Highway
- State Highway
- County Route

For more detail on the mapping within Byram Township, please refer to the Byram Township Highlands Conforming Municipal Chapter of the Sussex County Wastewater Management Plan adopted by the Department on July 24, 2012.

Notes:  
Pursuant to N.J.A.C. 7:15, Riparian zones are 300 feet from top of bank (or centerline of a first order stream where no bank is apparent) for waters designated as Category One and all upstream tributaries within the same 6:2, 14, 150 feet for waters designated Flood Protection and all upstream waters; 150 feet for water designated Flood Maintenance and all upstream waters within one linear mile as measured along the length of the riparian zone; 150 feet for any segments of water flowing through an area that contains documented habitat for a threatened or endangered species of plant or animal, which is critically dependent on the surface water body for survival; and all upstream waters (including tributaries within one linear mile as measured along the length of the surface water body); 150 feet for waters that run through acid producing soils; and, 50 feet for all waters not designated as C1, trout waters, critically water dependent Threatened and/or Endangered Species Habitat, or associated with acid soils.  
Surface waters that are designated Category One are listed in the Surface Water Quality Standards at N.J.A.C. 7:9B. The Department's "Surface Water Quality Standards" GIS data layer was utilized to determine these waters. The applicable 300 foot buffer has been applied to these waters and removed from the proposed sewer service areas on the mapping. Lesser width buffers have not been geographically removed from the sewer service areas but are not proposed for sewer service. Jurisdictional determinations by the Department will be utilized to determine the extent of the sewer service areas, and are deemed to be consistent.  
Pre-existing grant conditions and requirements (from Federal and State grants or loans for sewerage facilities) which provide for restriction of sewer service to environmentally sensitive areas, are unaffected by adoption of this document and compliance is required.  
Development or areas mapped as wetlands, flood prone areas, suitable habitat for endangered and threatened species as identified on the Department's Landscape Maps of Habitat for Endangered, Threatened and Other Priority Wildlife as Rank 3, 4, and 5, Natural Heritage Priority Sites, riparian zones, steep slopes, or designated river areas may be subject to special regulation under Federal or State statutes or rules, and interested persons should check with the Department for the latest information. Any depiction of environmental features shall be for general information purposes only, and shall not be construed to define the legal geographic jurisdiction of such statutes or rules.  
Individual subsurface sewage disposal systems (ISSDS) for individual residences can only be constructed in designated sewer service areas if legally enforceable guarantees are provided, before such construction, that use of such systems will be discontinued when the proposed sewer service becomes available. This applies to ISSDS that require certification from the Department under the Ready Improvement Sewerage and Facilities Act (N.J.S.A. 58:11-23) or individual Treatment Works Approval or New Jersey Pollutant Discharge Elimination System Permits (under N.J.A.C. 7:14A). It also applies to ISSDS which require only local approvals.

**County of Sussex**  
Sussex County, New Jersey  
**Wastewater Management Plan**  
**Suitable Habitat for Threatened**  
**and Endangered Species**  
Amending the Following Areawide Water Quality Management Plan: Sussex County

Areas located within the watershed of a Freshwater One (FW1) stream, as classified in the Surface Water Quality Standards, and/or that have Class 1-A ground water (Ground Water of Special Ecological Significance), as classified in the Ground Water Quality Standards, are identified as "Non-discharge water areas" based on the Surface Water Quality Standards at N.J.A.C. 7:9B, and/or the Ground Water Quality Standards at N.J.A.C. 7:9D. Non-discharge water areas shall be maintained in their natural state (not aside for poultry) and are subject to restrictions including, but not limited to, the following: 1) DEP will not approve any pollutant discharge to ground water nor approve any human activity which results in a degradation of natural quality needed for the uptake or continued operation of existing facilities serving existing development. For additional information please see the Surface Water Quality Standards at N.J.A.C. 7:9B, and/or the Ground Water Quality Standards at N.J.A.C. 7:9D.

Data Sources:  
Surface Water Discharge: N.J.DEP, 2011  
Ground Water Discharge: N.J.DEP, 2007  
Highlands Boundary: NJ Highlands Council, 2002  
Existing and Future Sewer Service Areas: N.J.DEP, 2009  
Water Quality Management Boundary: N.J.DEP, 2009  
Submitted by the Sussex County Board of Chosen Freeholders  
Prepared by: Sussex County Division of Planning and Sussex County Office of GIS  
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