

Species Conclusions Table

Project Manager: Audrey Cotnoir	Project Name: Centerville Properties Development
Date: January 12, 2016	Project Number: NAO-2006-5097

Project Description: The applicant proposes to fill a total of 47.1 acres of forested wetlands in order to construct a mixed commercial-residential development in the Greenbrier area of Chesapeake, Virginia.

Species Under the Jurisdiction of FWS:

Species/Res ource Name	Conclusion	ESA Section 7 / Eagle Act	Species Info / Habitat Description	Notes / Determination
Northern long-eared bat (Myotis septentrionalis)	Suitable habitat present, species not present	Not likely to adversely affect	<p>"Northern long-eared bats spend winter hibernating in caves and mines, called hibernacula. They typically use large caves or mines with large passages and entrances; constant temperatures; and high humidity with no air currents. Specific areas where they hibernate have very high humidity, so much so that droplets of water are often seen on their fur. Within hibernacula, surveyors find them in small crevices or cracks, often with only the nose and ears visible.</p> <p>During summer, northern long-eared bats roost singly or in colonies underneath bark, in cavities, or in crevices of both live and dead trees. Males and non-reproductive females may also roost in cooler places, like caves and mines. This bat seems opportunistic in selecting roosts, using tree species based on suitability to retain bark or provide cavities or crevices. It has also been found, rarely, roosting in structures like barns and sheds."</p>	<p>Site is a mixed deciduous hardwood forest, with forested wetlands (47.1 acres) and uplands (6.7 acres). The site is generally bordered by Centerville Turnpike to the west, forested land to the south and east and agricultural and residential land to the north. Total tree clearing (wetlands and uplands) associated with the project is 53.8 acres. Tree species at the site include, but are not limited to, loblolly pine, red maple, sweet gum, green ash, swamp chestnut oak, ironwood, willow oak, water oak, hop hornbeam, American elm, American beech, and shagbark hickory. Trees suitable for the northern long-eared bat may be present, but the bat species is not documented to be present. The applicant has agreed to the restrict tree clearing to April 15 – September 15 of any year.</p> <p>Standard conditions that would apply to any permit issued include:</p> <p>"1. Implement a time-of-year (TOY) restriction for no tree clearing from April 15 – September 15 of any year, or</p> <p>2. If a TOYR (winter tree clearing) is not feasible, then we recommend surveys per the most recent survey guideline: http://www.fws.gov/northeast/virginiafield/pdf/endspecies/2015IndianaBatSummerSurveyGuidelines01April2015.pdf.</p> <p>Emergent surveys are one type of survey option if there is very limited tree removal, up to 20 trees. One person can observe up to 10 trees at a time. Emergent surveys for potential roost trees do not need to be conducted by a qualified bat surveyor. Follow the most recent emergent survey guidelines in Appendix E at: http://www.fws.gov/northeast/virginiafield/pdf/endspecies/2015IndianaBatSummerSurveyGuidelines01April2015.pdf. If there are more than 20 trees planned to be removed, then the standard mist net or acoustic surveys are recommended. See the survey guidance for details."</p>

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Eagles (*Haliaeetus leucocephalus*)

Eagle Nests	Unlikely to disturb nesting bald eagles	No Eagle Act permit required		
Eagle Concentration area	Does not intersect with bald eagle concentration area	No Eagle Act permit required		

Critical Habitat

N/A				
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Other (species not listed above)

N/A				
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Species Under the Jurisdiction of NOAA/NMFS

Essential Fish Habitat				
Anadromous Fish Use Area				
Subaquatic Vegetation				
Shark				
Sturgeon				

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