

# Species Conclusions Table

Project Manager: Theresita Crockett Augustine	Project Name: Dulles Technology Center Parcel 4M
Date: October 7, 2016	Project Number: NAO-2013-01564

Project Description: Construction of a mixed-use residential development in Fairfax County, Virginia. The proposed project would permanently impact 2.75 acres (1,152 linear feet) of jurisdictional wetlands. Permanent impacts are to 0.08 acre of palustrine forested (PFO) wetland, 0.45 acre of palustrine emergent (PEM) wetland, 0.21 acre (929 linear feet) of stream channel and 1.92 acres of palustrine open water (POW). Temporary impacts are to 0.03 acre of PEM and 0.10 (223 linear feet) of stream channel.

## Species Under the Jurisdiction of FWS:

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Northern long-eared bat (Myotis septentrionalis)	NLEB: Applying the 4(d) Rule; excepted from take	May 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>	Relying upon the findings of the 1/5/2016 Programmatic Biological Opinion for Final 4(d) Rule on the Northern Long-Eared Bat and Activities Excepted from Take Prohibitions to fulfill our project-specific Section 7 responsibilities.

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## Eagles (*Haliaeetus leucocephalus*)

Eagle Nests	Unlikely to disturb nesting bald eagles	No Eagle Act permit required		
Eagle Concentration Areas	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)

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## Species Under the Jurisdiction of NOAA/NMFS

Essential Fish Habitat				
Anadromous Fish Use Area				
Subaquatic Vegetation				
HAPC Sandbar Shark				
Atlantic Sturgeon				

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