

Species Conclusions Table

Project Manager: Nancy Hankins	Project Name: Chesapeake Colony SSD Neighborhood Dredging Project
Date: April 12, 2016	Project Number: NAO-2016-0623 / 16-V0516

Project Description: The applicant proposes to mechanically dredge approximately 54,906 cubic yards (561,164 square feet) at varying depths not to exceed -4.5 feet below mean low water (MLW) in order to allow residents to restore safe access to navigable channels in the Lynnhaven River and remove accumulated sediment in the channels and in the access basins around private owner's docks, piers, and similar facilities.

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)	No suitable habitat present	No effect	<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>	No tree removal associated with this dredging project, therefore, the Corps Project Manager has made a no effect determination based on no suitable habitat present.

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Eagles (<i>Haliaeetus leucocephalus</i>)				
Eagle Nests	Unlikely to disturb nesting bald eagles	No Eagle Act permit required		No eagle nests identified by CCB or VDGIF
Eagle Concentration Areas	Does not intersect with bald eagle concentration area	No Eagle Act permit required		no eagle concentration areas identified by CCB or VDGIF
Critical Habitat				
N/A	No critical habitat present			The FWS Official Species List indicates no critical habitat
Other (species not listed above)				

Species Under the Jurisdiction of NOAA/NMFS				
Essential Fish Habitat	Yes			The project will be coordinated with NOAA Fishery Service for an effect determination.
Anadromous Fish Use Area	None			Not within anadromous fish use areas according to VDGIF layer on Corpsmap Report
Subaquatic Vegetation	None			No SAV shown on VIMS SAV website or on Corpsmap Report
HAPC Sandbar Shark	Yes			The project will be coordinated with NOAA Fishery Service for an effect determination.
Atlantic Sturgeon	Potentially			The project will be coordinated with NOAA PRD for an effect determination.
West Indian Manatee	Potentially			The project will be coordinated with NOAA PRD for an effect determination.

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