

Species Conclusions Table

Project Manager: Nancy Hankins	Project Name: Shadowlawn SSD Neighborhood Dredging Project
Date: April 24, 2015	Project Number: NAO-2013-1998/15-0448

Project Description: The applicant proposes to hydraulically dredge approximately 10,017 cubic yards (111,127 square feet) at varying depths not to exceed -5.5 feet mean low water (MLW) in order to enhance navigation and remove siltation from the existing channel adjacent to the Shadowlawn neighborhood in Virginia Beach, Virginia.

Species Under the Jurisdiction of FWS:

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Loggerhead sea turtle (Caretta caretta)	Potential habitat present and no current survey conducted	May adversely affect	<p>"The loggerhead sea turtle occurs in the Atlantic, Indian and Pacific Oceans; the Gulf of Mexico; and the Caribbean and Mediterranean Seas. In Virginia, loggerhead sea turtles are found throughout the Chesapeake Bay, around the barrier islands off the Eastern Shore, and off the coast in the Atlantic Ocean." "This turtle is a marine species and spends most of its time in the ocean and estuaries where it feeds, breeds, and migrates. Loggerheads feed mainly on horseshoe crabs, but their diet also includes mollusks, crustaceans, jellyfish, fish, and various sea grasses. The loggerhead is the only sea turtle that nests as far north as Virginia. Loggerheads nest in small numbers along Virginia's coast and nesting usually occurs from April through September. Females dig shallow pits on the beach to deposit their eggs. Hatchlings emerge as a group and begin to crawl rapidly toward the ocean. After reaching the water, they find food and protection among floating mats of vegetation in the Gulf Stream. They can be found in Virginia's waters from May through November. They migrate south during the winter months."</p>	The effects of dredging activities in this area will be temporary in nature and the Corps has made a preliminary determination of Not Likely to Adversely Affect. The project will be coordinated with NOAA PRD requesting their concurrence.

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Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Roseate tern (Sterna dougallii dougallii)	Potential habitat present and no current survey conducted	May adversely affect	"Roseate terns breed in colonies almost exclusively on small offshore islands, rarely on large islands. The northeastern colonies are on rocky offshore islands, barrier beaches, or salt marsh islands. Most colonies are close to shallow water fishing sites with sandy bottoms, bars, or shoals. The Caribbean birds nest in relatively open areas, often with no cover nearby. They breed on a variety of small cays or islands with rocky, grassy, coral rubble, or sand substrate. There is little information on the habitat of the wintering range. Some birds have been found roosting on sandbars or beaches at river mouths, estuaries, or ocean front. "	Potential habitat may be present and the project will be coordinated with FWS for an affect determination.
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	No critical habitat present			The Official Species List report 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 Fisheries Service for an affect determination.
Anadromous Fish Use Area	None			
Subaquatic Vegetation	None			
HAPC Sandbar Shark	Yes			The project will be coordinated with NOAA Fisheries Service for an affect determination.

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