

Species Conclusions Table

Project Manager: Julie Hamilton	Project Name: Bayhill Pointe Phase VII
Date: January 18, 2017	Project Number: NAO-2006-0962

Project Description: Constrution of a 109 lot single family home subdivision, roads, utilities and stormater 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)	Potential habitat present and no current survey conducted	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>	<p>Relying upon the findings of the 1/5/2016 Programatic Biological Opinion for Final4(d) Rule on the Northern Long-eared Bat and Activities Exceeded from Take Prohibitions to fulfill our project-specific section 7 responsibilities. Approximately 1 acres of forested area will be cut.</p>

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Rusty patched bumble bee (Bombus affinis)	Potential habitat present and no current survey conducted	May affect	"The Rusty patch bumble bee lives in colonies that include a single queen and female workers. The nesting cycle begins in early spring with initiation by solitary queens and progresses with the production of workers throughout the summer and ending with production of reproductive individuals in mid- to late summer early fall. " Rusty patch habitat includes prairie, woodlands, marshes, agricultural landscapes and residential parks and gardens. The species requires areas with sufficient food--nectar and pollen, undisturbed nesting sites in close proximity to floral resources, and overwintering sites for hibernating queens."	The site is currently forested with some open areas that could support the rusty patch bumble bee. A species survey may be warranted to accomplish a no affect. Determination.
	N/A	N/A		
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				
Other (species not listed above)				
Species Under the Jurisdiction of NOAA/NMFS				
Essential Fish Habitat	Not present			

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Anadromous Fish Use Area	Not present			
Subaquatic Vegetation	not present			
HAPC Sandbar Shark	Not present			
Atlantic Sturgeon	Not present			

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