

# Species Conclusions Table

Project Manager: Julie Hamilton	Project Name: Maplewood Landfill
Date: 1/6/2015	Project Number: NAO-1990-2297

Project Description: Construction of a permitter road and an overhead power line.

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>	The upland trees along the utilie cooridor have already been cut (37.2908, -78.0565). There are tall trees within the wetland area that will need to be cut as well as trees where the permieter road will be constructed.

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<b>Eagles (Haliaeetus leucocephalus)</b>				
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		
<b>Critical Habitat</b>				
N/A	No critical habitat present			
<b>Other (species not listed above)</b>				

<b>Species Under the Jurisdiction of NOAA/NMFS</b>				
Essential Fish Habitat	N/A			
Anadromous Fish Use Area	N/A			
Subaquatic Vegetation	N/A			
HAPC Sandbar Shark	N/A			
Atlantic Sturgeon	N/A			

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