

# Species Conclusions Table

Project Manager: Julie Hamilton	Project Name: Maplewood Landfill Cells 29-34
Date: February 26, 2018	Project Number: NAO-1990-2297

Project Description: Construction of one stream crossing and 6 landfill cells.

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>	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. Approximately 137 acres of forested area will be cut.

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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				
<b>Other (species not listed above)</b>				

<b>Species Under the Jurisdiction of NOAA/NMFS</b>				
Essential Fish Habitat	Not present			
Anadromous Fish Use Area	Not present			
Subaquatic Vegetation	not present			
HAPC Sandbar Shark	Not present			
Atlantic Sturgeon	Not present			

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