

Species Conclusions Table

Project Manager: Brian Denson	Project Name: Lunenburg Landfill Expansion
Date: 1/11/2017	Project Number: NAO-2016-0801

Project Description: The applicant proposes to expand an existing landfill resulting in the loss of 2 acres of PSS, **0.33 acres of PFO**, 0.4 Acres of OW, and 441 linear feet of intermittent Streams.

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 NLEB and Activities Expected from Take Prohibitions to fulfill our project specific section 7 responsibilities

Species Conclusions Table

Date: 1/11/2017	Project Number: NAO-2016-0801
-----------------	-------------------------------

Eagles (Haliaeetus leucocephalus)				
Eagle Nests	Unlikely to disturb nesting bald eagles	No Eagle Act permit required		The nearest nest is over 660-feet from the project location.
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				

Species Conclusions Table

Date: 1/11/2017	Project Number: NAO-2016-0801
-----------------	-------------------------------
