

# Species Conclusions Table

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|----------------------------|-----------------------------|
| Project Manager: Dan Bacon | Project Name: Hickory Woods |
| Date: May 11, 2018         | Project Number: 2015-0849   |

Project Description: Applicant proposes a multi-use neighborhood to include townhouses and condominiums.

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) | Suitable habitat present, species not present | Not likely to adversely 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 expected from the Take Prohibitions to fulfill our project specific section 7 responsibilities. |
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|---|--|--|--|--|
| <b>Eagles (<i>Haliaeetus leucocephalus</i>)</b> |  |  |  |  |
|---|--|--|--|--|

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|---------------------------|---|------------------------------|--|--|
| 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 |  |  |  |
|-----|-----------------------------|--|--|--|

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|---|--|--|--|--|
| <b>Other (species not listed above)</b> |  |  |  |  |
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| <b>Species Under the Jurisdiction of NOAA/NMFS</b> |  |  |  |  |
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|--------------------------|------------|--|--|--|
| Essential Fish Habitat   | Not mapped |  |  |  |
| Anadromous Fish Use Area | Not mapped |  |  |  |
| Subaquatic Vegetation    | Not mapped |  |  |  |
| HAPC Sandbar Shark       | Not mapped |  |  |  |
| Atlantic Sturgeon        | Not mapped |  |  |  |
|                          |            |  |  |  |

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