

Species Conclusions Table

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| Project Manager: Steven VanderPloeg | Project Name: Camp Hydaway Lake Expansion |
| Date: 09-DEC-2016 | Project Number: NAO-2007-02834 |

Project Description: The applicant proposes to enlarge the existing Camp Hydaway Lake, from the current size of 6.4 acres to approximately 29 acres by constructing a new dam approximately 2500 linear feet down stream of the existing dam.

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 (<i>Myotis septentrionalis</i>) | NLEB: Applying the 4(d) Rule; excepted from take | 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 project is not located within a Virginia Department of Game and Inland Fisheries NLEB Buffer area or near any known hibernacula or maternity colony. The project will clear at minimum 25 acres of forest for construction purposes. |

Eagles (*Haliaeetus leucocephalus*)

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|---------------------------|---|------------------------------|--|--|
| Eagle Nests | Unlikely to disturb nesting bald eagles | No Eagle Act permit required | | The project is not in the area of a bald eagle nest or the 660' nest buffer (Source: USACE GIS Database) |
| Eagle Concentration Areas | Does not intersect with bald eagle concentration area | No Eagle Act permit required | | The project does not intersect a bald eagle concentration area (Source: USACE GIS Database) |

Critical Habitat

Species Conclusions Table

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|-------------------|--------------------------------|
| Date: 09-DEC-2016 | Project Number: NAO-2007-02834 |
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|---|--|--|--|--|
| N/A | | | | |
| Other (species not listed above) | | | | |
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| Species Under the Jurisdiction of NOAA/NMFS | | | | |
| Essential Fish Habitat | | | | |
| Anadromous Fish Use Area | | | | |
| Subaquatic Vegetation | | | | |
| HAPC Sandbar Shark | | | | |
| Atlantic Sturgeon | | | | |
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