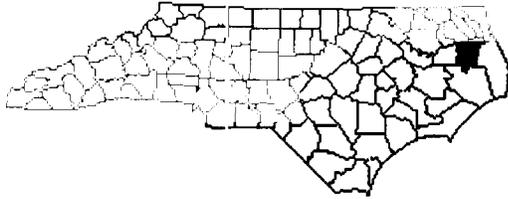


APPENDIX D

Tyrrell County List of Federally Threatened and Endangered Species
and
USFWS Intra-Service Section 7 Biological Evaluation and Concurrence

TYRRELL COUNTY



Common Name	Scientific Name	Status
Vertebrates		
<u>American alligator</u>	<i>Alligator mississippiensis</i>	T(S/A)
<u>Bald eagle</u>	<i>Haliaeetus leucocephalus</i>	Threatened(Proposed for delisting)
<u>Red-cockaded woodpecker</u>	<i>Picoides borealis</i>	Endangered
<u>Red wolf</u>	<i>Canis rufus</i>	EXP

KEY:

- | | |
|---------------------|--|
| Status | Definition |
| Endangered - | A taxon "in danger of extinction throughout all or a significant portion of its range." |
| Threatened - | A taxon "likely to become endangered within the foreseeable future throughout all or a significant portion of its range." |
| Proposed - | A taxon proposed for official listing as endangered or threatened. |
| C1 - | A taxon under consideration for official listing for which there is sufficient information to support listing. |
| FSC - | A Federal species of concern--a species that may or may not be listed in the future (formerly C2 candidate species or species under consideration for listing for which there is insufficient information to support listing). |
| T(S/A) - | Threatened due to similarity of appearance (e.g., <u>American alligator</u>)--a species that is threatened due to similarity of appearance with other rare species and is listed for its protection. These species are not biologically endangered or threatened and are not subject to Section 7 consultation. |
| EXP - | A taxon that is listed as experimental (either essential or nonessential). Experimental, nonessential endangered species (e.g., red wolf) are treated as threatened on public land, for consultation purposes, and as species proposed for listing on private land. |

Species with 1, 2, 3, or 4 asterisks behind them indicate historic, obscure, or incidental records.

- *Historic record - the species was last observed in the county more than 50 years ago.
- **Obscure record - the date and/or location of observation is uncertain.
- ***Incidental/migrant record - the species was observed outside of its normal range or habitat.
- ****Historic record - obscure and incidental record.



United States Department of the Interior

JAN 13 1999

FISH AND WILDLIFE SERVICE

Raleigh Field Office
Post Office Box 33726
Raleigh, North Carolina 27636-3726

MEMORANDUM

Date: January 10, 2000

From: Ecological Services Supervisor, Raleigh, North Carolina

To: Refuge Manager, Pocosin Lakes NWR, Creswell, North Carolina

Subject: Intra-Service Concurrence Letter for Red Wolf Visitor and Viewing Center on Pocosin Lakes NWR, in Columbia, Tyrrell County, North Carolina

We have reviewed your January 5, 2000 Intra-Service Section 7 Biological Evaluation Forms received on January 7, 2000 for the above referenced activities, and have enclosed the signed Section 7 Evaluation sheets. Our comments are provided in accordance with Section 7 of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531-1543) (Act). Based on the information provided, we concur with your determination that these proposed activities are not likely to adversely affect any Federally-listed species on the refuge.

We believe that the requirements of Section 7 of the Act have been satisfied. We remind you that obligations under Section 7 consultation must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered; (2) this action is subsequently modified in a manner that was not considered in this review; (3) a new species is listed or critical habitat determined that may be affected by the identified action.



United States Department of the Interior

FISH AND WILDLIFE SERVICE
Pocosin Lakes National Wildlife Refuge
3255 Shore Drive
Creswell, North Carolina 27928

00-0172 **FILE COPY**

U.S. Fish and Wildlife Service
Raleigh Field Office
P.O. Box 22726
Raleigh, NC 27636-3726

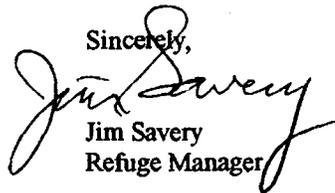
January 5, 2000

Dear Garland Pardue;

Enclosed is an Intra-Service Section 7 Biological Evaluation for the construction of the Red Wolf Visitor and Information Center on Pocosin Lakes NWR in Tyrrell County, North Carolina.

Please review and provide comments for concurrence with section 7 of the Endangered Species Act. Thank you!

Sincerely,



Jim Savery
Refuge Manager

RECEIVED

JAN - 7 2000

REGION 4

INTRA-SERVICE SECTION 7 BIOLOGICAL EVALUATION FORM

[Note: This form provides the outline of information needed for intra-Service consultation. If additional space is needed, attach additional sheets, or set up this form to accommodate your responses.]

Originating Person: Wendy Donoghue Stanton, Refuge Biologist

Telephone Number: (252) 796-4431

E-Mail: Wendy Stanton @fws.gov

Date: January 5, 2000

PROJECT NAME (Grant Title/Number): Construction of RedWolf Visitor and Viewing Center on Pocosin Lakes NWR in Columbia, NC

I. Service Program:

- Ecological Services
- Federal Aid
 - Clean Vessel Act
 - Coastal Wetlands
 - Endangered Species Section 6
 - Partners for Fish and Wildlife
 - Sport Fish Restoration
 - Wildlife Restoration
- Fisheries
- Refuges/Wildlife

II. State/Agency: USFWS

III. Station Name: Pocosin Lakes National Wildlife Refuge

IV. Description of Proposed Action (attach additional pages as needed):

Construct a red wolf visitor center and viewing area on approximately 1.5 acres of land on Pocosin Lakes NWR in Columbia, North Carolina. The proposed location of the site is located 1 mile south of Columbia, adjacent to NC State Highway 94. The majority of the site is currently maintained in a mowed condition. The center will consist of a gift shop / display area and a large fenced-in area for one or two captive red wolves. The red wolves used for the live display area will be specimens unsuitable for release into the wild. These unreleasable wolves will benefit the red wolf program by providing an excellent educational opportunity for locals and the general public to observe a live red wolf.

V. Pertinent Species and Habitat:

A. Include species/habitat occurrence map:

Please see attached map for location of future red wolf visitor/information center on Pocosin Lakes NWR.

2. Complete the following table:

SPECIES/CRITICAL HABITAT	STATUS ¹
Red wolf (<i>Canis rufus</i>)	E
Southern bald eagle (<i>Haliaeetus leucocephalus</i>)	E
Red-cockaded woodpecker (<i>Picoides borealis</i>)	E
American alligator (<i>Alligator mississippiensis</i>)	TSA

¹STATUS: E=endangered, T=threatened, PE=proposed endangered, PT=proposed threatened, CH=critical habitat, PCH=proposed critical habitat, C=candidate species

VI. Location (attach map):

A. Ecoregion Number and Name: Southeast Region, Area II - Roanoke/Tar/Neuse/Cape Fear Ecosystem

B. County and State: Tyrrell County, North Carolina

C. Section, township, and range (or latitude and longitude):
 75° 51' 46" 35° 51' 16"

D. Distance (miles) and direction to nearest town:
 One mile south of Columbia, North Carolina

E. Species/habitat occurrence: Historically, bald eagles and red wolves have been observed in the general area where the future Red Wolf Visitor/Information Center will be located. Bald eagles and red wolves are mobile and will not be affected by the proposed construction and presence of the center. American alligators and

red-cockaded woodpeckers (RCW) have not been observed in the vicinity. All known RCW cavities and potential foraging habitat are located further south on the refuge. The proposed center will not likely adversely affect endangered species or critical habitat.

VII. Determination of Effects:

- A. Explanation of effects of the action on species and critical habitats in item V.**
- B (attach additional pages as needed):**

SPECIES/ CRITICAL HABITAT	IMPACTS TO SPECIES/CRITICAL HABITAT
Red wolf	Not likely to adversely affect species or critical habitat.
Southern bald eagle	Not likely to adversely affect species or critical habitat.
Red-cockaded woodpecker	Not likely to adversely affect species or critical habitat.
American alligator	Not likely to adversely affect species or critical habitat.

B. Explanation of actions to be implemented to reduce adverse effects:

SPECIES/ CRITICAL HABITAT	ACTIONS TO MITIGATE/MINIMIZE IMPACTS
Red Wolf	The red wolves occupying the enclosed area will not be suitable for release in the wild. However, the presence of these wolves will benefit the red wolf program by providing an excellent, live, educational opportunity for the general public.
Southern bald eagle	None required
Red-cockaded woodpecker	None required
American alligator	None required

B. Effect Determination and Response Requested:

SPECIES/ CRITICAL HABITAT	DETERMINATION ¹			RESPONSE ¹ REQUESTED
	NE	NA	AA	
Red Wolf		X		
Southern bald eagle		X		
Red-cockaded woodpecker		X		
American alligator		X		

¹DETERMINATION/RESPONSE REQUESTED:

NE = no effect. This determination is appropriate when the proposed action will not directly, indirectly, or cumulatively impact, either positively or negatively, any listed, proposed, candidate species or designated/proposed critical habitat. Response Requested is optional but a "Concurrence" is recommended for a complete Administrative Record.

NA = not likely to adversely affect. This determination is appropriate when the proposed action is not likely to adversely impact any listed, proposed, candidate species or designated/proposed critical habitat or there may be beneficial effects to these resources. Response Requested is a "Concurrence".

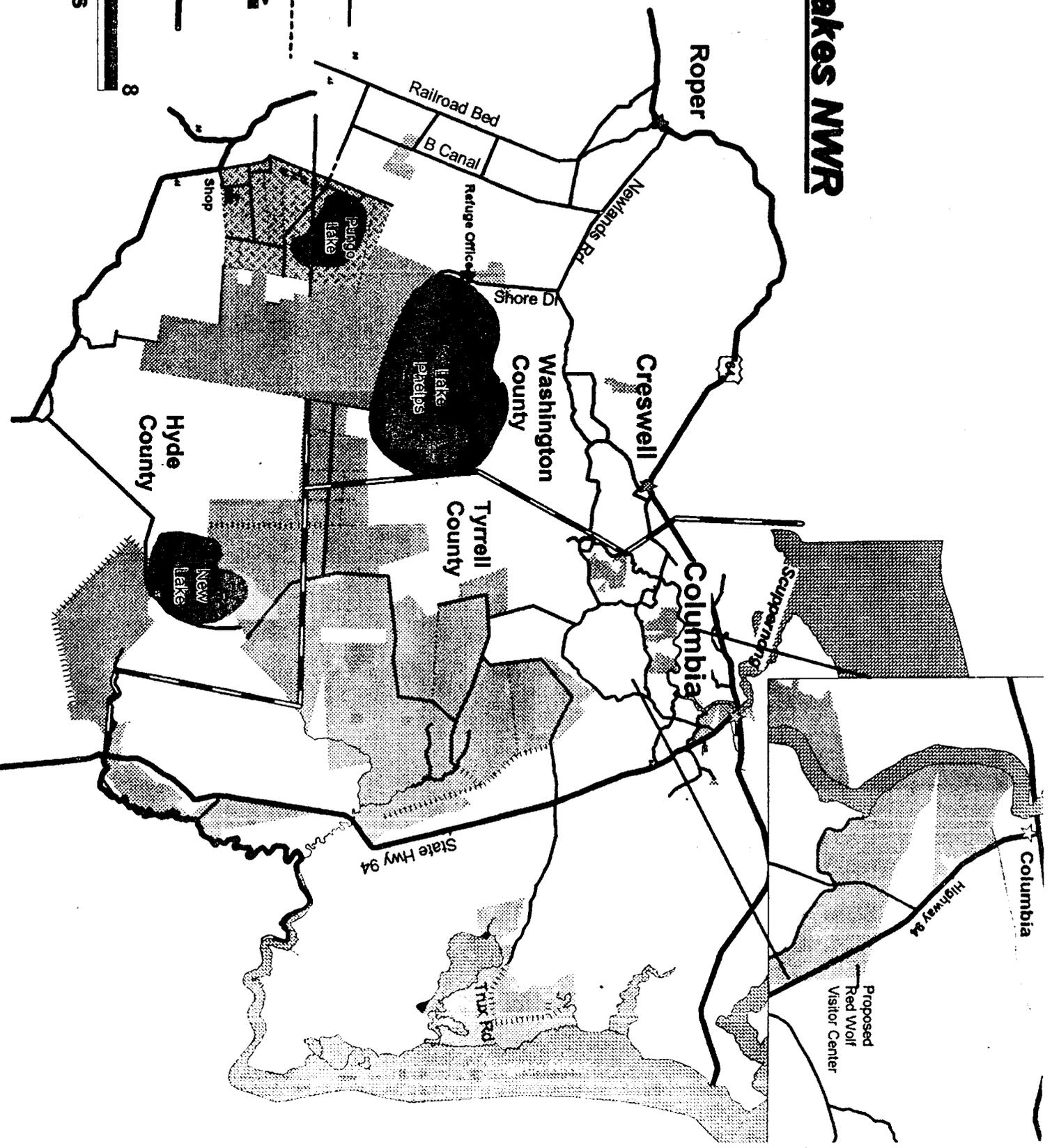
AA = likely to adversely affect. This determination is appropriate when the proposed action is likely to adversely impact any listed, proposed, candidate species or designated/proposed critical habitat. Response Requested for listed species is "Formal Consultation". Response Requested for proposed or candidate species is "Conference".

Pocosin Lakes NWR



MAP LEGEND

-  Refuge Office
-  Hunting allowed state seasons and bag limits
-  Pungo Unit
-  Non-toxic Shot Zone Migratory Game Bird and Upland Game
-  Area closed to all hunting
-  Roads open to licensed vehicles
-  Roads closed to vehicles, except 3-4 wheeled all terrain cycles, license not required
-  Pungo Check station
-  County Lines



Jan Swamy 1-5-00
signature (originating station) date
Refuge Manager
title

IX. Reviewing Ecological Services Office Evaluation:

A. Concurrence X Nonconcurrency _____

B. Formal consultation required _____

C. Conference required _____

D. Informal conference required _____

E. Remarks (attach additional pages as needed):

Garland B. Hicks 1-10-00
signature date
Field Supervisor Falwell ES Office
title office