

## Jurisdictional Alligator Handler (JAH) Program Document Overview and NCWRC Contact List

In the event of any program or NCWRC personnel changes, all Jurisdictional Alligator Handler Program participants will be provided with an updated version of this document and any others as necessary.

Document Name (#)	Contents / Purpose
Jurisdictional Alligator Handler Guidelines (C2)	<ul style="list-style-type: none"> <li>• Requirements Specific to Jurisdictional Alligator Handlers</li> <li>• Jurisdictional Alligator Handler Qualifications</li> <li>• Protocols and Guidelines for Response to Nuisance Alligator Situations</li> <li>• Emergency Situations Outside the JAH's Jurisdiction</li> <li>• Reporting Requirements</li> </ul>
Alligator Handling Protocol for Endangered Species Permit Holders (E9)	<ul style="list-style-type: none"> <li>• Approved Alligator Capture, Transport, and Passive Integrated Transponder (PIT) Tag Scanning Equipment</li> <li>• Trap Maintenance and Restrictions</li> <li>• Animal Welfare Requirements for All Handled Alligators</li> <li>• Release Protocols</li> <li>• Conditions Unsuitable for Release</li> <li>• <i>Alligator Data Collection Protocol Adherence</i></li> <li>• Euthanasia and Handling of Dead Alligators</li> </ul>
Alligator Data Collection Protocol (F14)	Procedures that must be followed for marking, tissue sample collection and storage, and collection and submission of data from each wild alligator. Contact procedures for recaptures and mortalities are also outlined.
Data Sheet for Handled Alligators (F15)	For recording data from each handled alligator while in the field. Note: Data must be entered online into Qualtrics database within 48 hours of each relocation. Records must be retained by the permittee for 12 months following expiration of the Endangered Species permit and available for inspection by NCWRC staff.
JAH Program Application (C3)	Documentation of each step of the program application and approval process. JAH program applicants must sign and submit the first page of this document before scheduling training with NCWRC staff. NCWRC Wildlife Management staff complete all subsequent sections within the document.

### NCWRC Contact List - Wildlife Management Division

#### Operations District Biologists

District	Counties	Name	Contact
1	Bertie, Camden, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Martin, Pasquotank, Perquimans, Tyrrell, Washington	Chris Turner	(252) 221-9961 office (252) 333-5028 cell <a href="mailto:chris.turner@ncwildlife.org">chris.turner@ncwildlife.org</a>
2	Beaufort, Carteret, Craven, Duplin, Greene, Jones, Lenoir, New Hanover, Onslow, Pamlico, Pender, Pitt	Chris Kent	(252) 617-0019 cell <a href="mailto:christopher.kent@ncwildlife.org">christopher.kent@ncwildlife.org</a>
4	Bladen, Brunswick, Columbus, Cumberland, Harnett, Hoke, Robeson, Sampson, Scotland	John Henry Harrelson	(910) 874-2725 cell <a href="mailto:john.harrelson@ncwildlife.org">john.harrelson@ncwildlife.org</a>
Coastal Operations Supervisor		Jon Shaw	(910) 324-3710 <a href="mailto:jonathan.shaw@ncwildlife.org">jonathan.shaw@ncwildlife.org</a>

#### Alligator Biologist

Statewide	Alicia Davis	(919) 707-4087 office (919) 614-6890 cell <a href="mailto:alicia.davis@ncwildlife.org">alicia.davis@ncwildlife.org</a>
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NORTH CAROLINA WILDLIFE RESOURCES COMMISSION  
**JURISDICTIONAL ALLIGATOR HANDLER GUIDELINES**

Jurisdictional Alligator Handlers (hereafter, JAH) shall follow all guidelines and requirements contained within this document (C2), the *Alligator Handling Protocol for Endangered Species Permit Holders* (E9), the *Alligator Data Collection Protocol* (F14), and the Endangered Species permit.

**Requirements Specific to Jurisdictional Alligator Handlers**

- 1) JAHs must be employed by federal, state, or local governments (typically law enforcement or animal control officers).
- 2) Unless situation-specific permission has been granted by North Carolina Wildlife Resources Commission (hereafter, NCWRC) staff, JAHs are only authorized to handle alligators while performing authorized duties associated with the regulatory jurisdiction of the government entity they represent.
- 3) JAHs cannot charge fees for their services.

**Jurisdictional Alligator Handler Qualifications**

- 1) Program applicants must complete a 2-part training course led by North Carolina Wildlife Resources Commission (hereafter, NCWRC) staff that includes:
  - a. A classroom component in which program applicants must:
    - i. review alligator rules and JAH program requirements, procedures for alligator data collection activities, and safe, humane alligator capture, handling, and transporting techniques, and
    - ii. demonstrate required knowledge with a passing score of at least 80% on a written examination provided by NCWRC.
  - b. A field component in which applicants must demonstrate to NCWRC personnel that they:
    - i. have the ability to capture and relocate alligators,
    - ii. can use alligator capture and relocation equipment proficiently, and
    - iii. are knowledgeable in the procedures for alligator data collection requirements.
- 2) Program applicants must show NCWRC that they have the necessary equipment to capture and relocate alligators, including at a minimum the following: ropes, cables, snares, poles, an approved transport device, and a Passive Integrated Transponder (PIT) tag reader.
- 3) JAHs must apply annually to receive an Endangered Species Permit that allows them to have alligators in their possession while conducting alligator capture and relocation activities. JAH activities cannot take place unless the individual has obtained a current Endangered Species Permit, and the permit must be in their possession when conducting alligator capture and relocation activities.
- 4) Before handling alligators under the authority of the JAH's Endangered Species Permit, all subpermittees must complete a training course led by NCWRC staff and demonstrate required knowledge with a passing score of at least 80% on a written examination provided by NCWRC.

**Protocols and Guidelines for Response to Nuisance Alligator Situations**

- 1) Although JAHs are not required to obtain depredation permits from NCWRC to relocate alligators, JAHs may contact NCWRC staff as needed for consultation by phone or site visits.
- 2) Relocated alligators must be discretely released at locations within the JAH's jurisdiction. Alligators may not be released on any property without the permission of the landholder. JAHs must coordinate with the local Wildlife Management District Biologist\* to release alligators anywhere outside the JAH's jurisdiction.

\*refer to the *JAH Program Document Overview and NCWRC Contact List* (C1) for contact information

NORTH CAROLINA WILDLIFE RESOURCES COMMISSION  
**JURISDICTIONAL ALLIGATOR HANDLER GUIDELINES**

**Emergency Situations Outside the JAH's Jurisdiction**

An emergency situation is one involving an alligator that must be moved immediately due to current or imminent threat to human safety, safety of the alligator, disruption of traffic, or other situations as determined by NCWRC staff. JAHs must obtain verbal permission and an authorization code from NCWRC staff before capturing and relocating alligators in emergency situations outside their jurisdiction. If the JAH cannot reach the local Wildlife Management Division District Biologist\*, they should contact NCWRC's communications center in Raleigh (1-800-662-7137) to be put in contact with an agency representative for verbal permission and an authorization code. If NCWRC becomes aware of an emergency that agency staff cannot respond to, agency personnel may attempt to contact a nearby JAH to see if they can assist with capture and relocation of the alligator.

**Reporting Requirements**

*Electronic Data Submission*

JAHs must submit data to the Qualtrics database ([www.ncwildlife.org/alligatordata](http://www.ncwildlife.org/alligatordata)) within 48 hours of the capture event. These data include, but are not limited to:

- a. dates and times of capture and release,
- b. GPS locations of the capture and release sites,
- c. PIT tag number inserted or found upon scanning,
- d. scute numbers removed,
- e. total length and snout-to-vent length measurements,
- f. sex as determined by cloacal examination,
- g. general observations on physical condition including any injuries observed,
- h. circumstances justifying relocation, and
- i. authorization code received from NCWRC staff (for emergency situations outside the JAH's jurisdiction).

If an alligator is found dead, dies during handling, or if authorization is given to euthanize the animal, information on the cause of death and disposition of the carcass must be included on the report form.

Refer to the *Alligator Data Collection Protocol* (F14) for more details on these procedures.

*Dead Alligators*

JAHs must immediately call designated NCWRC WMD staff\* to report any alligator deaths or severe injuries that occur during capture, handling, or relocation processes. All dead alligators must be reported before carcass disposal to determine if the carcass or parts should be retained for diagnostic testing or research purposes. Refer to the *Euthanasia and Handling of Dead Alligators* section of the *Alligator Handling Protocol for Endangered Species Permit Holders* (E9) for more details on reporting requirements.

*Recapture Reporting Requirements*

JAHs must notify NCWRC of any alligator recaptures (any alligator for which an existing PIT tag is found when scanned) before release to determine an appropriate release site. JAHs can contact any Wildlife Management Division District Biologist\* or the alligator biologist at (919) 707-4087 (office, Mon-Fri 8-5) or (919) 614-6890 (mobile, including after hours and weekends).

\*refer to the *JAH Program Document Overview and NCWRC Contact List* (C1) for contact information

**ALLIGATOR HANDLING PROTOCOL**  
**FOR ENDANGERED SPECIES PERMIT HOLDERS**  
**INCLUDING JURISDICTIONAL ALLIGATOR HANDLERS,**  
**ALLIGATOR CONTROL AGENTS, AND ALLIGATOR RESEARCHERS**

*For purposes of this document, the term 'handler' refers only to individuals who have been authorized by the North Carolina Wildlife Resources Commission (hereafter, NCWRC) to handle wild alligators, including Endangered Species (hereafter, ES) Permit holders or subpermittees. Other than scientific researchers, who submit research proposals specifying experience and knowledge of proper collection and handling methods, all handlers must complete the required training course led by NCWRC staff and demonstrate required knowledge with a passing score of at least 80% on a written examination. All handlers are required to follow all guidelines contained within the Alligator Data Collection Protocol (F14) document and any additional restrictions listed in the text of the ES Permit issued to the Alligator Control Agent (hereafter, ACA), Jurisdictional Alligator Handlers (hereafter, JAH), or researcher. Additionally, ACAs and JAHs must adhere to all requirements listed in the ACA Guidelines (D2) and JAH Guidelines (C2) documents, respectfully.*

**Approved Alligator Capture, Transport, and PIT Tag Scanning Equipment**

*For Capture*

- 1) Handheld, hand-thrown, or pole-mounted cable snares affixed to enough rope or cable to secure, control, and take possession of the alligator.
- 2) Heavy-duty fishing rod (e.g., surf or offshore rod) and reel and a snagging hook. The snagging hook shall not be made of stainless steel or other noncorrosive material that will not corrode with time if the alligator escapes with an embedded hook. The baiting of snag hooks is prohibited.
- 3) Murphy traps, other trip-snare style traps, or cage traps are allowed if the trap design can safely capture the alligator without causing injury to the animal and minimizes the potential to capture nontarget species. All traps must be marked with weather-resistant permanent labelling that includes the permittee's name and ES Permit number. See *Trap Maintenance and Restrictions* section below for additional guidelines specific to alligator trap use.
- 4) Other equipment may be approved for use by designated NCWRC Wildlife Management Division (hereafter, WMD) staff\* on a case-by-case basis. Equipment that may not be used for capturing alligators includes firearms, archery equipment, set hooks (baited or un-baited), or body-gripping traps that may cause injury or death to the alligator.

*For Transport*

- 1) Captured alligators must be transported in a device consisting of a secure tube, cage, or other type of enclosure that provides security and safety for the alligator and humans. Transport device must accommodate the size of the alligator being transported.
- 2) Alligators must not be transported in the back of open bed trucks, open trailers, or other vehicles that do not provide security and safety to the alligator and humans.

*For Passive Integrated Transponder (PIT) Tag Scanning*

- 1) All handlers are responsible for obtaining a PIT tag reader that effectively reads 15-digit Biomark® APT and HPT PIT tags. Suggested brands and models are provided at the end of this document.
- 2) All captured alligators must be scanned with a functioning PIT tag reader that has been inspected and approved by designated NCWRC WMD staff\*.

\*refer to your program's *Document Overview and NCWRC Contact List* for contact information

**ALLIGATOR HANDLING PROTOCOL**  
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**Trap Maintenance and Restrictions**

- 1) Any traps that are set must be checked at least once daily by the handler or his/her designee. Note that unless they are also a handler, the only action related to alligator trapping the designee can participate in is visibly checking the trap. The trap check designee cannot participate in setting traps, baiting traps, maintaining traps, or removing alligators from traps unless they are also a handler.
- 2) Traps in urban areas, or other areas with high human activity, must be checked at least twice daily with each check occurring at least 10 hours apart.
- 3) Live bait shall not be used to bait traps.

**Animal Welfare Requirements for All Handled Alligators**

- 1) Except cable snares secured behind the jaw, wire or metal of any kind shall not be used to restrain alligators after capture. Restrained alligators shall not be bound in any manner that may cause dislocation of joints or other injury. The legs of restrained alligators may be bound by electrical tape or rope along the sides of the body or behind the back. Restrained alligators shall not be lifted or carried by bound legs or bindings.
- 2) Care shall be taken to avoid exposing captured alligators to excessive heat throughout all capture, transportation, temporary holding, and release processes.

**Release Protocols**

- 1) Alligators may not be released on any sites without the permission of the landholder.
- 2) Except alligators that are unsuitable for release (see *Conditions Unsuitable for Release* section below), captured alligators must be released as soon after capture as possible and cannot be held in captivity longer than 24 hours.

**Conditions Unsuitable for Release**

- 1) In most instances, alligators that fit one or more of the following conditions will not be released:
  - a. displaying unnatural behavior that poses a threat to public safety
  - b. severe injury making survival extremely unlikely
  - c. known or suspected to have been held in captivity
  - d. found in areas outside natural alligator range
- 2) Handlers must contact designated NCWRC WMD staff\* before releasing captured alligators that fit any of the conditions listed above. Decisions regarding final disposition (e.g., release into areas with wild alligator populations, transport to permanent captivity, or euthanasia) of individual alligators that fit any of the conditions listed above shall be made on a case-by-case basis by NCWRC staff.

\*refer to your program's *Document Overview and NCWRC Contact List* for contact information

**ALLIGATOR HANDLING PROTOCOL**  
**FOR ENDANGERED SPECIES PERMIT HOLDERS**  
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***Alligator Data Collection Protocol Adherence***

The *Alligator Data Collection Protocol* (ADCP, doc. F14) must be strictly adhered to, under which:

- 1) Captured alligators must be scanned for a PIT tag with a handheld PIT tag reader that has been verified by designated NCWRC WMD staff\* to effectively read 15-digit Biomark® APT and HPT PIT tags. Unmarked alligators must be PIT tagged with tags provided or approved for use by designated NCWRC WMD staff\*.
- 2) Tissue samples must be collected from each alligator and labeled and stored as instructed until transferal to designated NCWRC WMD staff\*.
- 3) Additional data must be obtained from each captured alligator as specified in the ADCP.
- 4) Other data collection requirements may be implemented by NCWRC as needed to address alligator management and research needs.
- 5) All data collected in accordance with the ADCP are to be reported electronically within the timeframes and submission methods as directed in the ADCP (F14). JAHs and ACAs must follow any additional reporting requirements as specified in *JAH Guidelines* (C2) and *ACA Guidelines* (D2) documents.

**Euthanasia and Handling of Dead Alligators**

- 1) Handlers may not euthanize an alligator unless prior approval has been granted by NCWRC personnel. Authorization for euthanasia will only be provided if the alligator is suffering from severe injury, survival is highly unlikely, and agency personnel cannot respond in a timely fashion.
- 2) Handlers must immediately call designated NCWRC WMD staff\* to report any alligator deaths or severe injuries that occur during capture, handling, or relocation processes. A report describing the injury or mortality event must be submitted within five (5) work days to [RAPS@ncwildlife.org](mailto:RAPS@ncwildlife.org) and [alligators@ncwildlife.org](mailto:alligators@ncwildlife.org). All mortalities must also be included in the annual report via email.
- 3) Dead alligators must be reported to designated NCWRC WMD staff\* before carcass disposal to determine if the carcass or parts should be retained for diagnostic testing or research purposes.
- 4) Alligators that are found dead, die during capture or relocation processes, or that are euthanized must be transferred to NCWRC staff or disposed of via burial or at a landfill. No parts of a dead alligator may be retained by non-NCWRC staff for any reason, except:
  - a. Tissue samples (e.g., femur and scutes) will be collected from dead alligators as specified in the *Alligator Data Collection Protocol* document to be submitted to designated NCWRC WMD staff\*.
  - b. With prior approval from designated NCWRC WMD staff\*, appropriately permitted educational or research facilities may receive alligator carcasses or carcass parts from handlers.

\*refer to your program's *Document Overview and NCWRC Contact List* for contact information

**ALLIGATOR HANDLING PROTOCOL  
FOR ENDANGERED SPECIES PERMIT HOLDERS  
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ALLIGATOR CONTROL AGENTS, AND ALLIGATOR RESEARCHERS**

**Examples of Brands and Models of PIT Tag Readers that Scan Tags Used for Alligators**

The products provided below are those that have been tested by NCWRC staff for use with the PIT tag types provided by NCWRC to be used for marking alligators. Other brands and models may be available for purchase that will also effectively scan the 2 types of PIT tags used for alligators. During the equipment inspection, all applicants must have a PIT tag reader available for NCWRC staff to test with both types of tags used, regardless of whether or not it is one of the brands or models listed below.

Brand	Model	Photo
BioMark®	GPR Plus Handheld PIT Tag Reader	
Halo©	Halo Microchip Scanner	

**PIT Tag Specifications**

The two types of PIT tags used by NCWRC are APT12 (12mm) and HPT23 (23mm), both FDX-B tags produced by BioMark. All Biomark PIT tags are ISO (International Organization for Standardization) 11784/11785 compliant and ICAR (International Committee of Animal Recording) approved.

\*refer to your program’s *Document Overview and NCWRC Contact List* for contact information



**NC WILDLIFE RESOURCES COMMISSION  
ALLIGATOR DATA COLLECTION PROTOCOL**

The following procedures shall be followed for marking and collecting data from each wild alligator handled by all agency staff, Alligator Control Agents (ACA), Jurisdictional Alligator Handlers (JAH), and scientific researchers. Strict adherence to this protocol is required.

1. Alligators will be handled in a manner that prioritizes human safety and minimizes stress to the animal.
2. Each alligator will be scanned with a handheld PIT tag reader. If no PIT tag is found, one will be inserted at the base of the tail behind the rear right leg. Alligators smaller than 4 ft. in total length will receive a 12 mm PIT tag; alligators 4 ft. or larger will receive a 23 mm PIT tag.
3. For all alligators captured for relocation purposes, any recaptured alligators (i.e., those with a previously-implanted PIT tag detected when scanned with a PIT tag reader) must be reported to designated NCWRC staff\* for determination of an appropriate release site.
4. Upon first capture of every alligator, tail scute(s) must be removed and preserved as tissue samples. For all alligators captured on the Albemarle Peninsula (Dare, Hyde, and Tyrrell counties), scute(s) removed will follow numbering protocols set by Dr. Stephen Dinkelacker (contact the Alligator Biologist\* for details). For alligators captured elsewhere, scute numbers removed will correspond to the year and watershed where first captured as indicated on the datasheets provided by NCWRC. A minimum of one scute is to be placed in a resealable plastic bag labeled with the handler’s name, date of capture, and PIT tag number. Bagged scutes must be stored in a freezer until the sample can be transferred to designated NCWRC staff\*. Additional scutes will not be removed from recaptured animals.
5. All alligator mortalities or severe injuries observed, whether sustained before or during interaction with the handler, will be reported to designated NCWRC staff\* before carcass disposal or release of the animal. From each dead alligator, a femur shall be removed and stored as described for scutes.
6. The following information will be recorded for each alligator:
  - i. Date and time of capture and release
  - ii. GPS coordinates of capture and release locations in decimal degrees (WGS84)
  - iii. Total length (TL) and snout-vent length (SVL) measurements
  - iv. Scute numbers removed, or year and watershed indicated by previously-removed scutes
  - v. PIT tag number inserted or detected by PIT tag reader
  - vi. Sex as determined by cloacal examination
  - vii. General observations on physical condition, including any fresh or healed injuries observed
  - viii. For all alligators captured for relocation purposes:
    - a. ACA: Depredation permit number or verbal authorization code (emergency situations)
    - b. JAH and NCWRC staff: Description of circumstances justifying relocation
7. The data collected must be submitted electronically (as specified below) within 48 hours of each relocation (short- or long-distance) or quarterly (i.e., within 5 days following the last days of March, June, September, and December) for alligators released at the site of capture.

<b>Individual Collecting Data</b>	<b>Data Submission Method</b>
NCWRC Staff: Wildlife Management and Law Enforcement	Human-Wildlife Interaction Database
Endangered Species Permit Holders: ACA, JAH, and Scientific Researchers	Qualtrics Database

The data entry portal for the Qualtrics Database is accessed at [www.ncwildlife.org/alligatordata](http://www.ncwildlife.org/alligatordata).

\*designated NCWRC staff = the Wildlife Management District Biologist or the Alligator Biologist (919) 614-6890. Refer to your program’s *Document Overview and NCWRC Contact List* for more contact information.



### Datasheet for Handled Alligators

In accordance with the *Alligator Data Collection Protocol* (F14), these data are to be collected for each handled alligator and submitted to NCWRC within 48 hours of capture (relocated alligators) or quarterly (alligators released on-site).

Name of handler: \_\_\_\_\_ Endangered Species Permit #: \_\_\_\_ - ES \_\_\_\_\_

Alligator status:  Found and released alive  Found alive; died during interaction  Found dead

____ / ____ / 20 ____ <small>M M D D Y Y</small> ____ : ____ a.m. p.m.	Date and time of capture (or when carcass was found*)	
3 ____ <small>Latitude</small> -7 ____ <small>Longitude</small>	Location† of capture (or site where carcass was found*) Location Description: <input style="width:100%;" type="text"/> City: <input style="width:150px;" type="text"/> County: <input style="width:150px;" type="text"/>	
TL: ____ ft. ____ in. SVL: ____ ft. ____ in.	Measurements‡: Total Length (TL) and Snout-Vent Length (SVL) <small>Include all of vent in measurement for SVL.</small>	
982 ____ <small>23 mm (alligators &gt;4 ft. TL)</small> 989 ____ <small>12 mm (alligators &lt;4 ft. TL)</small>	PIT tag number <small>Scan for existing tag before inserting.</small>	<input type="checkbox"/> Existing PIT tag found when scanned <small>DO NOT insert <u>additional</u> tags in recaptured animals.</small>
____      ____ 0 <small>YEAR      LOCATION</small>	Scute§¶ numbers removed <small>See diagram on back.</small>	<input type="checkbox"/> Scutes removed in previous capture <small>DO NOT remove <u>additional</u> scutes for recaptured animals.</small>
<input type="checkbox"/> male <input type="checkbox"/> female <input type="checkbox"/> unknown	Sex <small>verified by cloacal examination only</small>	<input type="checkbox"/> Femur§ removed from carcass* <small>Store and label as indicated in footnotes below.</small>
____ / ____ / 20 ____ <small>M M D D Y Y</small> ____ : ____ a.m. p.m.	Date and time of release / carcass transport* (e.g., burial, museum, etc.)	
3 ____ <small>Latitude</small> -7 ____ <small>Longitude</small>	Location† of release (or site of carcass transport/burial*) Location Description: <input style="width:100%;" type="text"/> City: <input style="width:150px;" type="text"/> County: <input style="width:150px;" type="text"/>	
<b>Notes:</b>  <small>Any alligator mortalities or severe injuries observed must be reported to NCWRC before carcass disposal or release of the animal.</small>		
Alligator Control Agents	Depredation Permit #: ____ - DP _____ <b>or if emergency:</b> name of NCWRC staff that gave verbal authorization for relocation: _____ Authorization Code: _____	

\* = for mortality event

† = GPS coordinates in decimal degrees (WGS84) required

‡ = if unable to obtain actual measurements, ESTIMATES SHOULD ONLY BE WRITTEN IN THE NOTES SECTION.

§ = store in freezer (labeling: handler's name, date, and PIT tag # or GPS location for dead alligator w/ no PIT tag)

¶ = for any alligator handled on the Albemarle Peninsula, contact NCWRC staff to determine which scutes to remove.

**USE THIS SPACE TO KEEP TRACK OF DATA ENTRY/SUBMISSION TO NCWRC** (check one box and record date)

Entered into:  HWI Database \_\_\_\_ / \_\_\_\_ / 20 \_\_\_\_  Qualtrics Database \_\_\_\_ / \_\_\_\_ / 20 \_\_\_\_

HWI Ticket#: \_\_\_\_\_ M M D D Y Y M M D D Y Y

### Datasheet for Handled Alligators

In accordance with the *Alligator Data Collection Protocol* (F14), these data are to be collected for each handled alligator and submitted to NCWRC within 48 hours of capture (relocated alligators) or quarterly (alligators released on-site).

**Note:** Alligators on the Albemarle Peninsula<sup>¶</sup> may be subject to a different scute numbering procedure. For any previously unmarked alligators handled in Dare, Hyde, or Tyrrell counties, please call the alligator biologist at (919) 614-6890 to determine which scutes should be removed.

90	80	70	60	50	40	30	20	10	0	0	1	2	3	4	5	6	7	8	9	
900	800	700	600	500	400	300	200	100	0											

#### Scute Numbers – First Year of Capture

1	2017
2	2018
3	2019
4	2020
5	2021
6	2022
7	2023
8	2024
9	2025

#### PIT Tag Insertion Location



#### Scute Numbers – Watershed (capture site)

10	Lumber
20	Cape Fear
30	White Oak
40	Neuse
50	Tar-Pamlico <sup>¶</sup>
60	Pasquotank <sup>¶</sup>
70	Chowan
80	Roanoke
90	Yadkin-Pee Dee



**USE THIS SPACE TO KEEP TRACK OF DATA ENTRY/SUBMISSION TO NCWRC** (check one box and record date)

Entered into:  HWI Database \_\_\_/\_\_\_/20\_\_\_  Qualtrics Database \_\_\_/\_\_\_/20\_\_\_

HWI Ticket#: \_\_\_\_\_ M M D D Y Y \_\_\_\_\_ M M D D Y Y

Web address for entering datasheets into Qualtrics Database: [www.ncwildlife.org/alligatordata](http://www.ncwildlife.org/alligatordata)  
 For more information, the Alligator Biologist can be contacted at (919) 614-6890.

Updated Nov 17, 2021  
 Doc. F15

**APPLICATION FOR PARTICIPATION IN THE  
JURISDICTIONAL ALLIGATOR HANDLER PROGRAM**

*This document contains a brief summary of the Alligator Handling Protocol for Endangered Species Permit Holders (E9), Jurisdictional Alligator Handler (hereafter, JAH) Guidelines (C2), and Alligator Data Collection Protocol (F14). Applicants are expected to fully review all these documents before applying.*

**Program applicants must:**

- Be employed by federal, state, or local governments (typically law enforcement or animal control officers).
- Complete a 2-part training course (classroom and field-based), led by North Carolina Wildlife Resources Commission (hereafter, NCWRC) staff, in which they must demonstrate:
  - during the classroom component: required knowledge of JAH program requirements with a passing score of at least 80% on a written examination provided by NCWRC.
  - during the field component: the ability to capture and relocate alligators with the use of required equipment, and proficient knowledge of mandatory alligator data collection procedures.
- Show NCWRC that they have the necessary equipment to capture and relocate alligators, including, at a minimum: ropes, cables, snares, poles, an approved transport device, and an approved PIT tag reader.
- Apply annually to receive an Endangered Species (hereafter, ES) Permit that allows them to have alligators in their possession while conducting alligator capture and relocation activities.

**Nuisance Alligator Response Protocol**

JAHs are not required to obtain depredation permits from NCWRC to capture and relocate alligators. JAHs cannot charge fees for their services and are only authorized to handle alligators while performing authorized duties associated with the regulatory jurisdiction of the government entity they represent.

**JAHs must:**

- Obtain and renew their ES Permit each year to maintain JAH status.
- Only use approved equipment, as described in the *Alligator Handling Protocol for ES Permit Holders (E9)* document. Care must be taken to minimize stress to alligators during handling.
- Check traps at least once daily. Traps in areas with high human activity must be checked at least twice daily with each check occurring at least 10 hours apart. Live bait will not be used to bait traps.
- Release captured alligators as soon after capture as possible and within 24 hours. Alligators must be released discretely and only at locations within the JAH’s jurisdiction.
- Not euthanize any alligator unless prior approval has been granted by NCWRC personnel.
- Report any dead or severely injured alligators to NCWRC before carcass disposal or release. No parts of a dead alligator may be retained by a JAH or any other individual, except tissue samples collected for submission to NCWRC staff.
- Strictly adhere to the *Alligator Data Collection Protocol (F14)*, which requires the insertion of a PIT tag, collection and interim storage of tissue samples, and sex determination by cloacal examination. Data collected during each alligator relocation must be electronically submitted within 48 hours of capture. Data include, but are not limited to, GPS coordinates of locations of capture and release, total length and snout-vent length measurements, PIT tag number, scute numbers removed, and sex.

**I acknowledge that I have read each of the documents listed below (initial in the spaces provided):**

**JAH Guidelines (C2) \_\_\_\_\_ Alligator Data Collection Protocol (F14) \_\_\_\_\_**

**Alligator Handling Protocol for ES Permit Holders (E9) \_\_\_\_\_**

**I understand the application and operation requirements of a Jurisdictional Alligator Handler. \_\_\_\_\_**

\_\_\_\_\_  
Print Name Title Name of Jurisdictional Government Organization

\_\_\_\_\_  
Signature MM / DD / 20 YY

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After submission of this application to NCWRC, the following steps must be completed in the order listed. The Alligator Biologist and/or other appropriate NCWRC staff will document completion of each step in the sections provided below. A completed copy of this document will be provided with a recommendation of approval/denial of the ES Permit to NCWRC Regulated Activity Permit Section (RAPS) staff. JAH activities may not take place until an ES permit has been issued.

**- INTERNAL USE ONLY -**

NCWRC STAFF ARE TO COMPLETE ALL SECTIONS PROVIDED BELOW

- Following submission of the first page of this application, appropriate NCWRC staff will coordinate with the applicant to schedule classroom and field-based training for appropriate jurisdictional employees (i.e., the applicant and/or any individuals supervised by the applicant that will be handling alligators under the ES permit). Upon completion of the classroom training, a written exam will be provided to each trainee to assess their understanding of the program requirements. Individuals must receive a passing score of 80%. NCWRC staff will record the name of each trainee, dates of training attendance, and exam scores below. Attendees will then sign in the appropriate spaces provided below. If any additional jurisdictional employees receive training after the ES permit is issued, this table will also be used to record each newly trained employee and an amended ES permit will be issued that includes the names of those individuals.

Trainee Name, Position	Classroom Training Date	Exam Score	Field Training Date	NCWRC Staff Verifying Completion of Training

- After the appropriate employee(s) have received training, the program applicant must complete and submit an ES permit application [note: Permit Type is ‘Alligator Control Agent’] as instructed online at <https://www.ncwildlife.org/Licensing/Other-Licenses-and-Permits/Endangered-Species-Permit>.

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3. RAPS staff will notify the Alligator Biologist and other NCWRC staff as appropriate (e.g., the local District Biologist) of receipt of the ES permit application.
4. If necessary, the Alligator Biologist and other NCWRC staff may contact the applicant for input regarding potential release sites for alligators. After appropriate release sites have been determined, NCWRC staff will list and/or describe as necessary each of the approved locations in the space provided below. These approved release sites will be specified on the ES permit as written below.

List and/or description of approved release sites to be used:	
Names of NCWRC staff approving release sites:	Date:

5. The Wildlife Management District Biologist, or other NCWRC staff as appropriate, will coordinate and meet with the applicant or other designated representative of the government entity to inspect and approve alligator capture, handling, and transport equipment. Note that, per the *JAH Guidelines (C2)*, “Program applicants must show NCWRC that they have the necessary equipment to capture and relocate alligators, including at a minimum, the following: ropes, cables, snares, poles, an approved transport device, and a Passive Integrated Transponder (PIT) tag reader.” NCWRC staff will test PIT tag reader(s) to ensure effective scanning of both 12-mm and 23-mm BioMark PIT tags.

Name and position of NCWRC staff performing inspection:	Date:
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6. In the section provided below, the Wildlife Management District Biologist(s) and/or other NCWRC staff as appropriate will indicate recommendations for any additional restrictions or requirements that should be included in the ES permit.

Additional Restrictions and/or Requirements:	
Name(s) of NCWRC staff:	Date:

7. Appropriate NCWRC staff will indicate their final recommendation for approval/denial of the ES permit application in the section provided below.

Name of NCWRC staff and position:	<input type="checkbox"/> Approve  <input type="checkbox"/> Deny	Date:	Signature
Reason(s) for Application Denial:			

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8. Once steps 1-7 have been completed, appropriate NCWRC staff will submit this document to RAPS. If approved, RAPS will issue an ES permit to the applicant. The ES permit will expire on December 31<sup>st</sup> of that year and will indicate:
  - a. the name(s) of all individuals who have received training and are authorized to handle alligators,
  - b. a list and/or descriptions of approved release sites, and
  - c. any additional restrictions or requirements as necessary.
  
9. Annually thereafter, the representative must submit a written request<sup>1</sup> to renew the ES permit to continue JAH activities. This request will be submitted to [raps@ncwildlife.org](mailto:raps@ncwildlife.org) and [alligators@ncwildlife.org](mailto:alligators@ncwildlife.org) and must include the total number of alligators captured and relocated<sup>2</sup> during the year and total number of mortality events<sup>1</sup>, if any. Appropriate NCWRC staff will:
  - a. Compare the total number(s) of alligator records entered electronically by the permittee throughout the year to the number reported in the renewal request to verify that all records have been entered. Appropriate NCWRC staff will also perform a quality check of all individual records to verify that protocols have been followed by the permittee. Each of these verifications will be documented by appropriate NCWRC staff in the section provided below, along with their recommendation(s) for any additional restrictions and/or requirements to include on the ES permit and approval/denial of the renewal request.
  - b. Upon completion, submit the updated version of this document to RAPS. If approved, RAPS will issue an Endangered Species permit that will expire on December 31<sup>st</sup> of the approved year and include each of the items (a-c) listed in step 8.

<b>ES Permit Renewal Year:</b>	Date of Receipt of Permit Renewal Request <sup>3</sup> :		
<i>For consideration with the ES permit renewal request, NCWRC staff will maintain relevant notes and/or record(s) of any issues (e.g., mortality events, noncompliance with protocols) that occurred during [YEAR] in this section.</i>			
_____ Total number of alligator relocations reported for [YEAR] in the renewal request			
_____ Total number of alligator records entered electronically during [YEAR] by the permittee			
_____ Total number of alligator mortalities reported for [YEAR] in the renewal request			
_____ Total number of alligator mortalities reported during [YEAR] by the permittee			
Notes on quality check performed on all individual records:			
Additional restrictions and/or requirements recommended for inclusion on the renewed ES permit:			
Name of NCWRC staff and position:	<input type="checkbox"/> Approve <input type="checkbox"/> Deny	Date:	Signature

<sup>1</sup> Renewal requests may take up to one month from the request date, not inclusive of the last two weeks of December.

<sup>2</sup> As specified in the *Alligator Data Collection Protocol* (F14), all alligators captured and relocated under the authority of the ES permit must be submitted electronically within 48 hours of capture. Any dead or severely injured alligators must be reported to NCWRC immediately and before carcass disposal or release.

<sup>3</sup> If the individual requesting renewal on behalf of the jurisdictional government entity is not the same individual that the previous ES permit was issued to, the new applicant will need to re-submit the first page of this application.



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<b>ES Permit Renewal Year:</b>	<b>Date of Receipt of Permit Renewal Request<sup>1</sup>:</b>		
<i>For consideration with the ES permit renewal request, NCWRC staff will maintain any relevant notes and/or record(s) of any issues (e.g., mortality events, noncompliance with protocols) that occurred during [YEAR] in this section.</i>			
_____ Total number of alligator relocations reported for [YEAR] in the renewal request			
_____ Total number of alligator records entered electronically during [YEAR] by the permittee			
_____ Total number of alligator mortalities reported for [YEAR] in the renewal request			
_____ Total number of alligator mortalities reported during [YEAR] by the permittee			
Notes on quality check performed on all individual records:			
Additional restrictions and/or requirements recommended for inclusion on the renewed ES permit:			
Name of NCWRC staff and position:	<input type="checkbox"/> Approve <input type="checkbox"/> Deny	Date:	Signature

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<sup>1</sup> If the individual requesting renewal on behalf of the jurisdictional government entity is not the same individual that the previous ES permit was issued to, the new applicant will need to re-submit the first page of this application.