



DIVISION OF FISHERIES & WILDLIFE

1 Rabbit Hill Road, Westborough, MA 01581
 p: (508) 389-6300 | f: (508) 389-7890
 MASS.GOV/MASSWILDLIFE

**MA ENDANGERED SPECIES ACT (G.L. c.131A)
 CONSERVATION AND MANAGEMENT PERMIT**

DATE	February 26, 2019
CONSERVATION PERMIT NO.:	019-335.DFW
NHESP FILE NO.	16-35397
PERMIT HOLDER	Town of Orleans
ACTIVITY	Oversand Vehicle Use in Vicinity of Piping Plover and Least Tern Chicks, Reduced Symbolic Fencing Around Nests with Nest Moving, Nauset Beach, Orleans, MA

Pursuant to the authority granted in the Massachusetts Endangered Species Act ("MESA") (G.L. c. 131A) and its implementing regulations (321 CMR 10.23), the Director of the Massachusetts Division of Fisheries & Wildlife (the "Division") hereby issues a Conservation and Management Permit to the Town of Orleans (the "Permit Holder"). This permit and associated Town of Orleans Certificate of Inclusion in the Massachusetts Habitat Conservation Plan (HCP) issued in accordance with the Endangered Species Act (ESA) for Piping Plover, dated February 26, 2019 (the "COI"), authorize the Taking of the State and Federally listed Piping Plover, which is listed as "Threatened" pursuant to the MESA and "Threatened" pursuant to ESA, arising out of the use of oversand vehicles and other recreational and beach operation activities described in documents attached hereto (the "Activities"), at Nauset Beach, Orleans, Massachusetts (the "Property"). This permit also authorizes the Taking of the state-listed Least Tern (*Sternula antillarum*) and Diamond-backed Terrapin (*Malaclemys terrapin*), listed as Special Concern and Threatened, respectively, pursuant to MESA, associated with the aforementioned Activities.

During a given beach season, a maximum of 2 broods or nests of Piping Plovers and up to 20 unfledged Least Tern chicks can be exposed to oversand vehicle (OSV) use in the vicinity of unfledged chicks, or reduced symbolic fencing/nest moving in the case of nests, resulting in heightened risk of chick mortality or nest abandonment. Similarly, Diamond-backed Terrapin adults and hatchlings are exposed to some mortality risk when crossing the OSV corridor. However, a variety of impact avoidance and minimization procedures required by way of this Permit and the HCP will significantly decrease risk.

Under the authority granted by and in accordance with MGL c131A§3 and 321 CMR 10.23, the Director may permit the Taking of a State-listed Species for conservation and management purposes provided that there is a long-term Net Benefit to the conservation of the impacted species. If the Director determines that the applicant for a permit has avoided, minimized and mitigated impacts to the State-listed Species consistent with the following Performance Standards, then the Director may issue a conservation and management permit, provided:

- (a) the applicant has adequately assessed alternatives to both temporary and permanent impacts to State-listed Species;
- (b) an insignificant portion of the local population would be impacted by the Activities, and;
- (c) the applicant agrees to carry out a conservation and management plan that provides a long-term Net Benefit to the conservation of the State-listed Species that has been approved by the Director, as provided in 321 CMR 10.23(5), and shall be carried out by the applicant.

The Director has determined that the applicant for this permit has met the above-noted Performance Standards and that the conservation and management plan described herein provides a long-term Net Benefit to the affected state-listed species.

Pursuant to this permit, multiple impact avoidance and minimization measures -- including but not limited to pedestrian vehicle escorting, limited daily OSV travel windows, enhanced monitoring of unfledged chicks during OSV travel windows, speed limits, narrow width of the travel corridor, and relocation of Diamond-backed Terrapin nests -- will be implemented in order to minimize disturbance and risk of direct mortality. Funding will be provided for off-site selective predator management, experimental habitat management, increased law enforcement, and/or educational outreach to benefit Piping Plovers and Least Terns. Diamond-backed Terrapin nests will be relocated as necessary so that hatchlings will not need to cross the OSV corridor to reach Pleasant Bay. Terrapin nests will also be protected with wire cages, and hatchlings will be made available for headstarting to augment the Pleasant Bay population.

Therefore, the Activity can be permitted pursuant to the MESA. This Conservation and Management Permit (the "Permit") is issued to condition the Activities and to provide a long-term Net Benefit to the affected species.

In accordance with the document submitted to the Division entitled:

- "Massachusetts Piping Plover Habitat Conservation Plan, The Town of Orleans Request for Certificate of Inclusion, Nauset Beach, 2019" (December 2018) (the "Plan"; [Attachment A](#))
- Escrow Agreement ([Attachment B](#))

Incorporated by reference into this permit, and any other plans and documents referenced herein, this Conservation and Management Permit is issued with the following conditions:

Conditions:

1. This Permit authorizes the exposure of up to two Piping Plover broods/nests to the Activity and up to 20 unfledged Least Tern chicks to certain covered activities, as well as use of the OSV corridor in the vicinity of Diamond-backed Terrapins, as described in Attachment A, subject to limitations described in Attachment A, and set forth in this Permit and the COI.
2. Other than the exceptions authorized by this Permit, the Permit Holder shall carry out beach use and management in compliance with the relevant State Guidelines and Federal Guidelines for management of recreational beaches with breeding plovers and terns effective during the term of the Permit.
3. This Permit authorizes only otherwise lawful activities. All activities carried out pursuant to this Permit must be carried out in accordance with applicable local, state, and federal statutes and regulations.

4. As set forth in the COI, all activities authorized by this Permit must be carried out in accordance with the Final Massachusetts Division of Fisheries & Wildlife Habitat Conservation Plan for Piping Plover (HCP), dated June 2016, and Incidental Take Permit (ITP) No. TE01281C-0, dated July 8, 2016. The COI, HCP and ITP are incorporated by reference into this Permit. By acceptance of this Permit, the Permit Holder acknowledges receipt of copies of the COI, HCP and ITP, official copies of which are located at the Division's field headquarters, 1 Rabbit Hill Rd., Westborough, MA.
5. Division representatives shall have the right to enter and inspect the Property subject to this Permit at reasonable hours to evaluate permit compliance and require the submittal of any reasonable information not otherwise required by this Permit but deemed necessary by the Division to complete its evaluation.
6. Any change to the proposed Plan shall require the Permit Holder to inquire of the Division, in writing, whether the change is significant enough to require the filing of a new Conservation and Management Permit Application and/or require additional long-term Net Benefit for affected State-listed species. The Division retains the right to require the submittal of additional, reasonable information to evaluate the plan change.
7. Prior to implementing the Plan, the Permit Holder shall notify the Division in writing of the name, address, business and home telephone numbers of the manager responsible for compliance with this Conservation and Management Permit. The Permit Holder shall provide updated information in writing to the Division should a new or additional manager be hired after the Activity has commenced.
8. The Permit Holder shall notify the Division at least 24 hours prior to initiating any covered Activity affecting a new Piping Plover brood or nest not previously exposed. 24 hour notice shall also be provided prior to carrying out the covered activity affecting Least Terns.
9. Prior to the implementation of the Plan or any covered activity in any given year, the Permit Holder shall provide the Division with proof that it has secured adequate funding to implement the annual requirements of the Plan consistent with the budget provided in the Plan.
10. Impact avoidance and minimization procedures to protect Piping Plovers, Least Terns, and Diamond-backed Terrapins shall be carried out for all 3 years and implemented in accordance with the Plan.
11. Finding, relocation, and caging of Diamond-backed Terrapin nests shall be carried out by qualified personnel approved and permitted in writing in advance by the Division.
12. Interim and annual reporting shall be conducted in accordance with the Plan, including submittal of an annual report by October 15 of each year. Observations of Diamond-backed Terrapin and their nests shall be reported to the Division as detailed in Condition 13.
13. The Division shall be notified by October 15 each year, in the form of an NHESP Rare Animal or Plant Observation Form, of any state-listed species other than Piping Plovers and terns that are observed on the Property. Preferably, notification will be through the Division's data submittal tool, the Vernal Pool & Rare Species (VPRS) Information System. VPRS and our paper observations forms can be found at: <http://www.mass.gov/dfw/nhesp/vprs>.

14. Prior to the implementation of covered activities, the Permit Holder shall execute the escrow agreement shown in Attachment B and fund the escrow account with \$11,600. Prior to carrying out covered activities in 2020 and 2021, the Permit Holder shall provide additional funding of up to \$11,600 per year in order to ensure that a minimum of \$5,800 of mitigation funding is provided for each Piping Plover brood or nest exposed to covered activities.
15. In accordance with the HCP, the Permit Holder must obtain written reauthorization from the Division to carry out covered activities prior to the 2020 and 2021 beach seasons. No covered activities may be carried out in 2020 or 2021 prior to receipt of written reauthorization. As set forth in the HCP, the Division may, in its sole discretion, reduce the allowable Take exposure for those years or decline to reauthorize any exposure.
16. A violation of any condition of this Permit, COI, HCP, or the ITP will result in an unauthorized Take pursuant to M.G.L. c. 131A or under the HCP or ITP may be subject to civil and or criminal penalties pursuant to M.G.L. c. 131A. In the event of such non-compliance, the Division may suspend, or revoke this Permit and the COI. The Permit Holder shall have the right to request an appeal within 30 days of any suspension or revocation of this Permit or COI in accordance with the requirements of Condition No. 16 below.
17. Notice of Appeal Rights: This Determination is a final decision of the Division of Fisheries and Wildlife pursuant to 321 CMR 10.23. Any person aggrieved by this decision shall have the right to an adjudicatory hearing at the Division pursuant to M.G.L. c. 30A, s.11 in accordance with the procedures for informal hearings set forth in 801 CMR 1.02 and 1.03.

Any notice of claim for an adjudicatory hearing shall be made in writing and be accompanied by a filing fee in the amount of \$500.00. The notice of claim shall be sent to the Division by certified mail, hand delivered, or postmarked within 21 days of the date of the Division's Determination to:

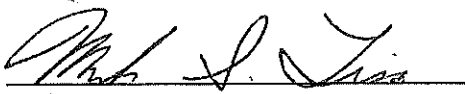
Mark S. Tisa
Director
Division of Fisheries and Wildlife
Field Headquarters
One Rabbit Hill Road
Westborough, MA 01581

Any notice of claim for an adjudicatory hearing shall include the following information:

1. The file number for the Activity;
2. The complete name, address and telephone number of the person filing the request, and the name, address and telephone number of any authorized representative;
3. The specific facts that demonstrate that a party filing a notice of claim satisfies the requirements of an "aggrieved person," including but not limited to (a) how they have a definite interest in the matters in contention within the scope of interests or area of concern of M.G.L. c. 131A or the regulations at 321 CMR 10.00 and (b) have suffered an actual injury which is special and different from that of the public and which has resulted from violation of a duty owed to them by the Division;
4. A clear statement that an adjudicatory hearing is being requested;
5. A clear and concise statement of facts which are grounds for the proceeding, the specific objections to the actions of the Division and the basis for those objections; and the relief sought through the adjudicatory hearing; and a statement that a copy of the request has

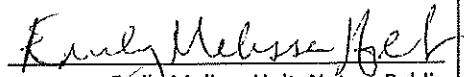
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been sent by certified mail or hand delivered to the applicant and the Record Owner, if different from the applicant.



Mark S. Tisa, Director
Massachusetts Division of Fisheries & Wildlife

On this 26th day of February 2019, before me, the undersigned notary public, personally appeared Mark S Tisa, Director, proved to me through satisfactory evidence of identification, which was personal knowledge, to be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

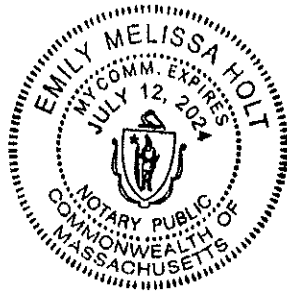


Emily Melissa Holt, Notary Public
My Commission expires: July 12, 2024

Conservation Permit 019-335.DFW

Issued this 26th day of February, 2019

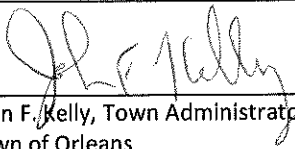
Permit Expires: 1 December 2021



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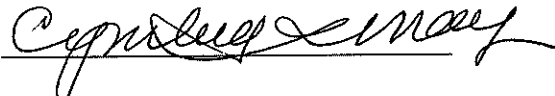
ACKNOWLEDGEMENT AND ACCEPTANCE OF ALL TERMS OF THIS CONSERVATION PERMIT

The undersigned below agrees that commencement of any work authorized by and described in this Conservation and Management Permit constitutes acknowledgement and acceptance of all terms of this permit.

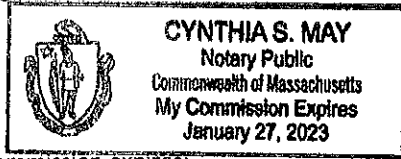

John F. Kelly, Town Administrator
Town of Orleans

COMMONWEALTH OF MASSACHUSETTS

On this 27th day of February, 2019, before me, the undersigned notary public, personally appeared John F. Kelly, proved to me through satisfactory evidence of identification which was personal knowledge be the person whose name is signed on the preceding or attached document, and who swore or affirmed to me that the contents of the document are truthful and accurate to the best of his/her knowledge and belief.

Notary Public → Town Clerk


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My commission expires: _____

Distribution List

Nathan Sears, Town of Orleans

Richard Hillmer, Town of Orleans

Orleans Board of Selectmen

Orleans Conservation Commission

DEP Southeast Regional Office, Wetlands Program

David Simmons, USFWS

Susi von Oettingen, USFWS