

05 February 2026

**Subject: Draft Final 2025 Long Term Management Letter Report
Nantucket Beach FUDS (D01MA0456)
Nantucket, Massachusetts**

Section 1 Introduction

The United States Army Corps of Engineers (USACE), performed the annual inspection of land use controls (LUCs) at the Nantucket Beach Formerly Used Defense Site (FUDS) located in Nantucket, Massachusetts (MA). The LUCs at the following Project was inspected as part of the Property's Long Term Management (LTM) plan: Aerial Rocket Range Target #1 (Project 01). The Aerial Rocket Range Fan (Project 02) is also included in the FUDS; however, it is not subject to LTM because it was designated as No Further Action in the Decision Document (2015).

1.1 Purpose and Scope

This annual LTM Report documents LTM activities performed at the Nantucket Beach FUDS, Project 01 (Aerial Rocket Range Target #1) in accordance with the LUC Implementation Plan (LUCIP) (USACE, 2018). The annual activities outlined in the LUCIP include inspecting and maintaining 3Rs (Recognize, Retreat, and Report) hazard awareness signs, conducting 3Rs Explosives Safety Education Training, distributing 3Rs (Recognize, Retreat, and Report) Explosives Safety Educational Materials, conducting interviews with local officials and property owners, and obtaining a summary of munitions response activities at the Property from the local military Explosive Ordnance Disposal (EOD) units, the MA State Police, and/or local police. These requirements are also presented as a checklist in Attachment A.

The annual LTM Reports will be submitted to the MA Department of Environmental Protection (MassDEP), and additional local stakeholders as needed for review and comment and will be included as an attachment to the Comprehensive Environmental Response, Compensation, and Liability Act Five-Year Review Report.

Section 2 Sign Inspection and Maintenance

On 25 June 2025, a site visit was conducted by contractor personnel Mr. Craig Morris (Unexploded Ordnance [UXO] Safety Officer/Site Safety and Health Officer) and Ms. Graycee Andrews (UXO Technician II). Mr. Dave MacPhail, Lieutenant Colonel, Deputy District Commander, USACE, New England District, also participated in the inspections to provide quality assurance oversight of the procedures being used. The purpose of the site visit was to inspect the conditions of the signs installed on the Property and evaluate the current Property conditions. The weather conditions were partly cloudy with a high temperature of approximately 91 degrees Fahrenheit (°F) and a low of approximately 64 °F. Each sign, its location, and general vicinity were evaluated in terms of site conditions.

2.1 Sign Conditions

During the site visit, personnel inspected the seven signs installed at the FUDS. The sign locations are shown on Figure 1, Sign Locations (Attachment B).

The signs were cleaned by spraying with Simple Green® cleaner, allowing the cleaner to sit, then scrubbing the sign with a soft cloth, and wiping dry with paper towels. Sign inspection forms and a photo documentation log including photos of the signs are included in Attachment C. Results from the 2025 sign inspections are shown on Figure 2, Sign Inspection Results (Attachment B). Sign recommendations are summarized in Section 6.

Table 2-1 summarizes the sign conditions from the 2025 inspection.

Table 2-1: Sign Conditions Summary

Sign Number	Sign Location Name	Sign Conditions
NTK-001	Tom Nevers Ball Field	Sign present; noted to be in excellent condition.
NTK-002	Land Bank Commission Property	Sign present; noted to be in excellent condition.
NTK-003	New Beach Access Path	Sign present; noted to be in excellent condition.
NTK-004	East Forked Pond Valley	Sign present; noted to be in good condition.
NTK-005	West Forked Pond Valley	Sign present; noted to be in excellent condition.
NTK-006	New South Road	Sign present; noted to be in excellent condition.
NTK-007	Russell Way Road	Sign present; noted to be in excellent condition.

2.2 Property Conditions

Current Property conditions were evaluated as part of the annual inspection. The inspectors walked the majority of Project 01: along the entire beach front, up Waquoit Road in the East, along New South Road to S Road and around Tom Never’s field, as well as all the beach paths where the warning signs are located. During the inspection, they assessed Project conditions in terms of erosion regarding exposure of munition items and potential impacts to the proper functioning of the LUCs.

Erosion continues to significantly impact the beach on a yearly basis. Significant erosion was seen at some locations (NTK-001, NTK-002, NTK-003, and NTK-004); resulting in loss of more than 10 feet of beach/dune/cliff since the 2024 inspection. It was noted that at location NTK-005, sand has built up making it possible for the grass to now grow and cover the sign in this area. The other sign locations (NTK-006 and NTK-007) are currently at a safe distance from the erosion along the beach and no changes in site conditions were observed. Photos were taken along the beach near each sign location as shown in the photo documentation log (Attachment C). Inspection forms are included in Attachment C. No munitions or munitions-related debris were observed during the inspections.

The Town of Nantucket Building Department was queried to determine whether major construction activities have occurred in the past year (June 2024 to June 2025) within the Project that may have impacted the functioning of the LUCs and LTM program. The Town of Nantucket Building Department replied that the only permit issued for the property within the past year was

for the installation of a wedding tent; however, this is not considered a major construction activity that has impact on the functioning of the LUCs and/or LTM program. A munitions response did occur during the unpermitted renovation or construction of a deck on a private residence within the project in April of 2025 (see Section 5, and Attachment F). During the site walk, no indications of construction or intrusive activities were observed.

Section 3 3Rs Explosives Safety Education Training

3Rs Explosives Safety Education Training was held on 25 June 2025. The training was conducted in person at the safety education classroom of the Nantucket Police Department in Nantucket, MA. The PowerPoint presentation previously approved by USACE in June 2023 was used for the training (Attachment D). The training was conducted by a Department of Defense Explosives Safety Board Technical Paper 18 qualified UXO Technician III. The training included general 3Rs (Recognize, Retreat, Report) practices as well as site specific information regarding types of munitions that could potentially be encountered.

All parties listed in the LUCIP distribution list (Table 3-1 of the LUCIP [USACE, 2018]) were given the opportunity to attend the annual 3Rs Explosives Safety Education Training. Private property owners were mailed letters on 22 May 2025, which included a 3Rs pamphlet, a link to the USACE website where they could view a pre-recorded version of the training, and a soil handling/management fact sheet (Attachment D). MassDEP, public land-managing organizations, town and county government officials, and first responders (local police and fire department personnel) were invited to the in-person training and provided digital copies of the 3Rs brochures. In-person training attendees were recorded on a sign-in sheet (Attachment D). Fourteen (14) individuals attended the training. Any parties listed in Table 3-1 of the LUCIP who could not attend the in-person training were provided a link to the pre-recorded 3Rs Explosives Safety Education Training video available on the USACE website. The training video link was also provided to private landowners within the letters mailed to their residential address.

Section 4 Annual Community Survey Questionnaires

A requirement of the LUCIP was to conduct interviews with stakeholders and community members about the Property conditions. Questionnaire forms were used to conduct interviews via phone and email and used the Stakeholder Contact list to track progress. The questionnaire responses received and tracking sheet are presented in Attachment E. Contact information for the parties was obtained from Table 3-1 in the LUCIP (USACE, 2018) and updated for this year's inspection with information provided by the USACE PM. The responses to the questionnaire did not indicate that changes were needed to the LTM measures in place. It was confirmed during the site walk that there had been no changes to site use.

Section 5 Munitions Encounters

Local Police/Fire Departments as well as the MA State Police and military EOD, were contacted regarding any incidents within the previous year (June 2024 to June 2025). Two incidents were reported, one in March and another in April. A third incident, which also occurred in March, was obtained from the UXOInfo.com *March 2025 E-Newsletter* publication. The March report provided by the Nantucket Police was for a munition found outside the FUDS at [REDACTED] in Nantucket. The other incident in March, reported by UXOInfo.com, occurred in Wawinet

Village in Nantucket. Both of these incidents occurred at private residences located significant distances west and north of the Nantucket Beach FUDS; therefore, it cannot be determined if these two incidents are associated with the Nantucket Beach or another of the island’s FUDS (Hummock Pond D01MA0454, Sheep Pond D01MA0455). These incidents are reported in this LTM report as they are not being tracked elsewhere. The April incident was for 11 munitions found on [REDACTED] which is inside the Aerial Rocket Range Target #1 (Project 01). All munitions were properly disposed of with support from the State Police. Documentation on the incident that occurred within the FUDS is included in Table 5-1. All reports of incidents that occurred on the island are included in Attachment F.

Table 5-1: Summary of Nantucket Beach FUDS Munitions Encounters

Date Incident Reported	Nantucket Police Department Incident Number	Location/Description
03/11/2025	25-002215	Munition found outside FUDS – [REDACTED] Nantucket MA.
03/17/2025	NA	Munition found outside FUDS – Wawinet Village, Nantucket
04/02/2025	25-002803	[REDACTED] Nantucket, MA 11 suspected UXO

Section 6 Recommendations

No replacement signs are recommended as all signs were present during the inspections and are still readable with only minor wear (edges bubbling) noted in signs NTK-002 and NTK-004.

The additional locations for proposed signs identified and recorded during the 2024 LTM Letter Report (USACE, 2025) are still recommended. These locations are identified in Table 6-1 and Figure 3, Sign Recommendations (Attachment B). Both locations are access points for the beach and are highly trafficked as they allow for public parking. Installing signs at these locations would educate beachgoers of the presence of the FUDS prior to them entering the beach. New signs are planned for installation before the summer of 2027.

Continued erosion of the beach was observed during the site inspections that may impact the signs and sign locations in the future. Significant erosion could be seen at the beach areas nearest to signs NTK-001, NTK-002, NTK-003, and NTK-004. Although the signs at these locations are not currently being threatened by erosion, these locations and other areas showing erosion should continue to be reevaluated at least annually to assess the potential impacts of the continued retreat of the beach on the installed signs.

It should be noted that a majority of the FUDS is on private property and right of entry (ROE) status was not authorized at the time of the site inspection. Inspections were not performed within properties that did not have ROE approval.

Table 6-1: Sign Recommendation Summary

Sign Number¹	Sign Location Name	Recommendations
NTK-001	Tom Nevers Ball Field	No action / routine maintenance.
NTK-002	Land Bank Commission Property	No action / routine maintenance.
NTK-003	New Beach Access Path	No action / routine maintenance.
NTK-004	East Forked Pond Valley	No action / routine maintenance.
NTK-005	West Forked Pond Valley	No action / routine maintenance.
NTK-006	New South Road	No action / routine maintenance.
NTK-007	Russell Way Road	No action / routine maintenance.
NTK-009	Beach Access 01	New proposed sign location (was originally proposed in the 2024 LTM Letter Report [USACE, 2025]).
NTK-010	Beach Access 02	New proposed sign location (was originally proposed in the 2024 LTM Letter Report [USACE, 2025]).

Note:

¹ NTK-008 was recommended for installation in the 2023 LTM Letter Report (USACE, 2024) but was determined during the 2024 site inspections to no longer be needed and has been removed from the list of signs.

It is recommended that the LUCIP be updated to reflect the current sign locations and note newly installed sign locations. A draft of an updated LUCIP will be prepared by August of 2026. Also, 3Rs Explosives Safety Education Training materials, as well as hazard awareness signage and other handouts should be updated for current wording and USACE logos. The update of the training material will be completed by May of 2026. Additionally, it is recommended that Table 3-1, Distribution Recipients, in the LUCIP be updated to reflect the current contacts for local authorities, first responders, property owners, and others. Due to the challenges encountered while attempting to contact private landowners by phone and email, it is also recommended that 3Rs Explosives Safety Educational Materials continue to be distributed to these landowners by mail.

Section 7 *References Cited*

USACE, 2018. *Final Land Use Control and Long-Term Management Implementation Plan for Nantucket Beach Formally Used Defense Site Project No. D01MA045601*. Nantucket Island, Massachusetts. July.

USACE, 2024. *Final, 2023 Long Term Management Letter Report, Aerial Rocket Range Target #1 Munitions Response Site, Former Nantucket Ordnance Site, Nantucket Island, Massachusetts*. 25 June.

USACE, 2025. *Final 2024 Long Term Management Letter Report, Aerial Rocket Range Target #1 Munitions Response Site, Former Nantucket Ordnance Site, Nantucket Island, Massachusetts*. 5 September.

Attachments:

- Attachment A – LUCIP Requirements Checklist
- Attachment B – Figures
- Attachment C – Inspection Forms and Photo Documentation Log
- Attachment D – Public Outreach
- Attachment E – Interview Documentation
- Attachment F – Munitions Response Reports