



## **LETTER REPORT**

TO: Carol Charette, USACE-CENAE, Todd Beckwith, USACE-CENAB

FROM: Thomas Bachovchin, ERT

DATE: July 08, 2021

SUBJECT: Annual Long Term Monitoring (LTM) Letter Report, Sign Inspection and UXO Awareness Training, Aerial Rocket Range Target #1 MRS, Nantucket Island

ERT, under contract with the U.S. Army Corps of Engineers (USACE), New England District, is implementing land use controls (LUCs) at the Former Nantucket Beach FUDS, project number D01MA045601, to address the Aerial Rocket Range Target #1 Munitions Response Site (MRS). This annual Long Term Monitoring report documents activities carried out on Nantucket Island in accordance with the LUC Implementation Plan (LUCIP) and Performance Work Statement for contract W912DR-15-D-0015-0003.

The site visit was conducted on June 3, 2021 (the previous year's site visit had been delayed due to Covid-19 travel restrictions and was not conducted until October 8, 2020). The objectives of the site visit were to:

- Evaluate current site conditions and perform inspection and maintenance of signs associated with the MRS.
- Replace and/or repair signs as needed.
- Review and document ordnance responses from the State Bomb Squad or Explosive Ordnance Detachment since the last inspection.

Due to the Covid-19 pandemic, the Unexploded Ordnance (UXO) Awareness Training was conducted remotely, via the internet, as follows:

- On June 23, 2021, ERT conducted a UXO Awareness Training presentation via Google Meet. Multiple parties were invited, including the Massachusetts Department of Environmental Protection (MassDEP), the Nantucket Conservation Foundation, first responders (local police and fire department personnel) and all other personnel shown in the LUCIP distribution list (Table 3-1 of the LUCIP).

### **UXO Awareness Training**

The presentation was conducted via Google Meet on June 23, 2021, by Mr. Nolan Thompson, ERT MMRP Health and Safety Officer. The PowerPoint presentation had previously been approved by USACE for the initial UXO Awareness presentation in June 2017. Due to the nature of the internet presentation, it was not possible to obtain a sign-in sheet. As a result, an attendance sheet was developed for personnel who attended virtually and is included in Attachment A. Several persons



could not attend the presentation and asked for DVDs of the presentation; these were forwarded. The attendance included in Attachment A indicates those who requested DVDs.

### **Sign Inspection and Maintenance**

On June 3, 2021, ERT's Mr. Jim Stuby and Mr. Mike Wimer, conducted the survey of the site and the inspection and maintenance of the signage. The weather conditions were slightly overcast and windy with a temperature of approximately 70 degrees F. Each sign, its location and general vicinity were evaluated in terms of site conditions.

In summary, ERT replaced the Tom Nevers sign that had fallen off the eroding cliff/bluff. It was relocated farther back off the bluff (see Attachment B photolog). It was discovered that two signs, the Land Bank Commission sign and the New south Road sign had been vandalized (sign was saw-cut) and will need to be replaced next visit. The remaining signs were inspected and cleaned.

Formal recommendations for each sign are included in the Attachment B form.

### **Site Conditions**

Current site conditions were evaluated as part of this report.

Attachment B provides a site figure that indicates the footprint of the area physically evaluated during the inspection. ERT surveyed the public areas from the eastern end of the implemented LUCs (signage) at the Tom Nevers Ballfield to the western end at Russell Way Road, and all public areas in between. These areas were assessed for site conditions in terms of erosion and potential impacts to the proper functioning of the LUCs.

As indicated in Attachment C and as discussed above, relative to the 2020 visit, site conditions indicate some areas of erosion, or potential future erosion that may affect the proper function of the LUCs in terms of signs remaining in place.

Site conditions are described relative to the signage for easier geographical reference (see site figure, Attachment B). The vicinity of the Tom Nevers sign showed increased erosion and the replacement sign was moved farther back from the bluff to an area where there will be no impact on LUC implementation. The vicinity of the New South Road sign showed increased erosional activity as that sign was in danger of falling over the bluff. However, as noted above the sign was vandalized and the replacement will need to be located farther back away from the bluff.

Severe beach erosion around the Russell Way sign resulted in its re-location during the October 2020 visit; in 2021, erosion in this area continued and may impact LUC implementation in the future. The Sign Inspection and Site Conditions forms provided on pages B-3 and C-2, respectively, provide additional detail on site conditions.

During ERT's inspection, there were no munition finds protruding from the cliffs or in any other areas. No munitions were encountered on or along the roadways or parking lots. There were no indications of past munition finds in the cliffs or during maintenance of unpaved roads or parking lots. While these areas are included in the survey/inspection, some of them, such as the Tom Nevers area, are not within the MRS footprint but are included because they represent beach access points.

ERT contacted the Nantucket Planning and Land Use Specialist (PLUS) Department to determine whether intrusive activities had been conducted in the area; no indications of relevant intrusive



activity conducted by private property owners was uncovered in the PLUS permits.

### **Inspection Interviews**

Part of the scope of the LUCIP is to conduct interviews with community members about the site conditions. ERT attempted interviews via phone, however, these were not successful. This is likely due in part to the delayed previous annual effort, where interviews for the 2020 Annual LTM were conducted at the end of 2020 into the beginning of 2021. Multiple attempts at phone interviews were made but residents did not answer calls or return messages. See Attachment D.

### **Explosive Ordnance Detail (EOD) Activity**

Local Police/Fire Departments as well as the MA State Police Bomb Squad and Navy EOD, were contacted regarding incidents since the last annual LTM inspection (October 2020). USACE found no incidents since the October 2020 inspection. Attachment E describes attempts to obtain all EOD reports for all projects currently undergoing land use controls. Obtaining complete reports has been an ongoing challenge as EOD reports are not produced for all EOD responses. Reports that are provided often are incomplete and do not provide specific information such as the site/project name and/or grid coordinate location of the munition response. The challenge of obtaining all reports with complete information has been elevated up the USACE chain of command. All EOD reports obtained will be provided.

This letter report is organized as follows:

Attachment A – UXO Awareness Training Attendance

Attachment B – Site Figure, Sign Inspection Form, and Photo Documentation Log

Attachment C – Site Conditions Form

Attachment D – Interview Forms

Attachment E – EOD or MA State Bomb Squad Activity



## **Attachment A**

### **UXO Awareness Training Attendance**



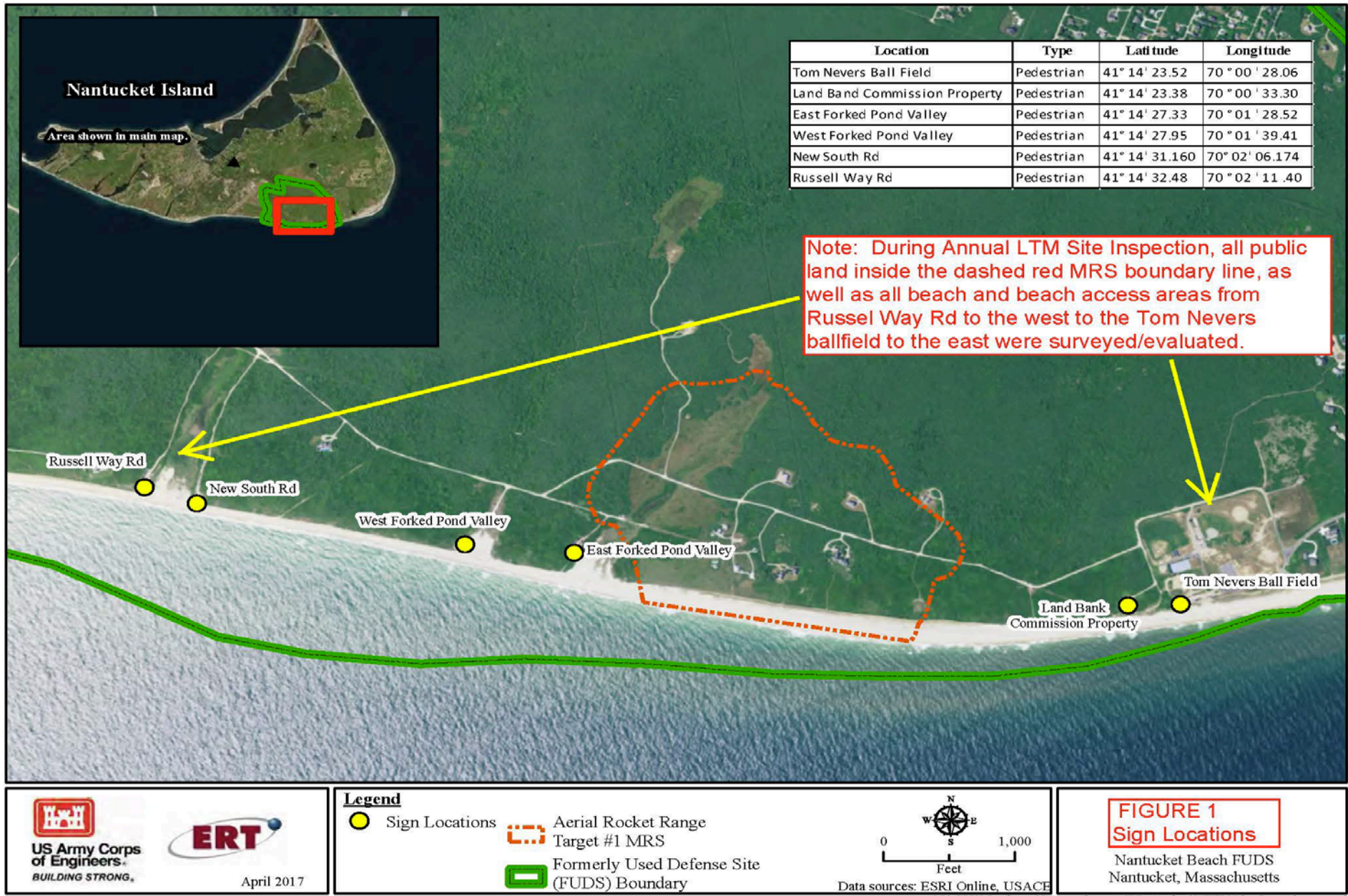


NANTUCKET UXO AWARENESS TRAINING – JUNE 23, 2021 PROVIDED REMOTELY THROUGH GOOGLE MEET			
Name	Title/organization	Phone	Email
Carol Charette	USACE New England District PM	(978) 318-8605	<a href="mailto:Carol.A.Charette@usace.army.mil">Carol.A.Charette@usace.army.mil</a>
Todd Beckwith	USACE Baltimore District PM	(410) 962-6784	<a href="mailto:Todd.T.Beckwith@usace.army.mil">Todd.T.Beckwith@usace.army.mil</a>
Brendan Coakley	Emergency Management Coordinator	NA	<a href="mailto:bcoakley@police.nantucket-ma.gov">bcoakley@police.nantucket-ma.gov</a>
Greg Tivnan	Town of Nantucket, Asst Town Manager	(508) 228-7254	<a href="mailto:gtivnan@nantucket-ma.gov">gtivnan@nantucket-ma.gov</a>
Noah Karberg	Nantucket Memorial Airport	(508) 325-7531	<a href="mailto:nkarberg@nantucketairport.com">nkarberg@nantucketairport.com</a>
Chris Iller	Director of Land Management Nantucket Conservation Foundation	(508)-560-9656	<a href="mailto:ciller@nantucketconservation.org">ciller@nantucketconservation.org</a>



## **Attachment B**

### **Site Figure, Sign Inspection Form, and Photo Documentation Log**





I. Site Information				
Site Name: Nantucket Beach FUDS – Project no. D01MA045601		Date(s) of Inspection: June 03, 2021		
Location and Region: Nantucket, MA				
II. Sign Inspection				
Sign Location	Condition (poor, fair, good, excellent)	Maintenance Required (cleaning, repair, replacement)	Maintenance Performed (type and date)	Notes: (include photograph documentation before and after maintenance)
Tom Nevers Ball Field	Excellent	N/A	New sign was installed back from the bluff	New sign was installed in new location away from bluff. <b>RECOMMEND: No Action</b> <b>(Photos #1, #2, #3, #4)</b>
Land Bank Commission Property	Missing	New sign to be installed	N/A	Vandalized by sawing off sign leaving pedestal behind. New sign will need to be installed. <b>RECOMMEND: Replace Sign</b> <b>(Photos #5)</b>
East Forked Pond Valley	Excellent	Cleaning, wiped down with Windex	Cleaning	Sign location is before beach entrance trail. Pedestal in excellent condition, no erosion issues. <b>RECOMMEND: No Action</b> <b>(Photos #6, #7, #8, #9)</b>
West Forked Pond Valley	Excellent	Cleaning, wiped down with Windex	Cleaning	No erosion issues. <b>RECOMMEND: No Action</b> <b>(Photos #10, #11, #12, #13, #14)</b>
New South Road	Missing	New sign to be installed	N/A	Vandalized by sawing off sign leaving pedestal behind. New sign will need to be installed. <b>RECOMMEND: Replace Sign</b> <b>(Photos #15, #16)</b>
Russell Way Road	Good	Cleaning, wiped down with Windex	Cleaning	Minor issue with text panel becoming slightly detached from wood. <b>RECOMMEND: No Action</b> <b>(Photos #17, #18, #19, #20, #21, #22)</b>



## Nantucket Photo Log, June 3, 2021



1: Tom Nevers Ball Field sign (new location, constructed June 3, 2021)



2: Tom Nevers Ball Field sign (wet conditions)



3: Looking east on beach near Tom Nevers Ball Field sign. Minimal erosion since October 2020.



4: Looking west on beach near Tom Nevers Ball Field sign. Minimal erosion since October 2020.





5: Land Bank Property sign (sawed off post, could not be replaced)



6: East Forked Pond Valley sign (general area)



7: East Forked Pond Valley sign (closeup)



8: Looking west along beach from near East Forked Pond Valley sign





9: Looking east along beach from near East Forked Pond Valley sign



10: West Forked Pond Valley sign (general area)



11: West Forked Pond Valley sign (closeup)



12: West Forked Pond Valley sign (back)





13: Looking west along beach from near West Forked Pond Valley sign



14: Looking east along beach from near West Forked Pond Valley sign



15: New South Road sign location, looking west - sign is cut off.



16: Looking east from New South Road sign location.





17: Russell Way Road sign (general area)



18: Russell Way Road sign (closeup)



19: Russell Way Road sign (back)



20: Side view of Russell Way Road sign, showing that text panel is becoming detached from wood.





21: Looking west along beach from near Russel Way Road sign



22: Looking east along beach from near Russel Way Road sign



**Attachment C**  
**Site Conditions Form**





<b>I. Site Information</b>		
<b>Site Name:</b> Nantucket Beach FUDS		<b>Date(s) of Inspection:</b> June 03, 2021
<b>Location and Region:</b> Nantucket, MA		
<b>II. SITE CONDITIONS</b>		
<b>Location</b>	<b>Site Conditions of Note</b> (e.g., significant erosion since last site inspection, observations of munitions, or other observations that impact LUC implementation)	<b>Notes:</b> (include photograph documentation)
Area of Tom Nevers Ball Field	Additional erosion of the bluff was observed, exposing miscellaneous old building materials and rubbish.	New sign installed far back off the bluff because of the erosion in this area.
Area of Land Bank Commission Property	Minimal erosion to the west of sign. No issues observed in 2021.	No findings that impact LUC implementation.
Area of East Forked Pond Valley	No significant observations impacting LUCs implementation.	No findings that impact LUC implementation.
Area of West Forked Pond Valley	No significant observations impacting LUCs implementation.	No findings that impact LUC implementation.
Area of New South Road	Small bluff showing signs of erosion.	Potential future impact on LUC implementation.
Area of Russell Way Road	Continued erosion in area where sign had been previously located.	Potential future impact on LUC implementation.



**Attachment D**  
**Interview Forms**



<b>I. Site Information</b>		
<b>Site Name:</b> Nantucket Beach FUDS		<b>Date(s) of Inspection:</b> June 3, 2021
<b>Location and Region:</b> Nantucket, MA		
<b>II. INTERVIEW ACTIVITY</b>		
<b>Individual Interviewed</b>	<b>Date of Interview</b>	<b>Brief Description of Discussion (include reports of onsite intrusive activities, EOD response action, etc.)</b>
Part of the scope of the LUCIP is to conduct interviews with community members about the site conditions. ERT attempted interviews via phone, however, these were not successful. This is likely due in part to the delayed previous annual effort, where interviews for the 2020 Annual LTM were conducted at the end of 2020 into the beginning of 2021. Multiple attempts at phone interviews were made but residents did not answer calls or return messages.		



## **Attachment E**

### **EOD or MA State Bomb Squad Activity**



**NOTE:**

Local Police/Fire Departments as well as the MA State Police Bomb Squad and Navy EOD, were contacted regarding incidents since the last annual LTM inspection (October 2020). USACE found no incidents since the October 2020 inspection.

Obtaining complete reports has been an ongoing challenge as EOD reports are not produced for all EOD responses. Reports that are provided often are incomplete and do not provide specific information such as the site/project name and/or grid coordinate location of the munition response. The challenge of obtaining all reports with complete information has been elevated up the USACE chain of command. All EOD reports obtained will be provided.