



LETTER REPORT

TO: Carol Charette, USACE-CENAE, Todd Beckwith, USACE-CENAB
FROM: Thomas Bachovchin, ERT
DATE: May 07, 2020
SUBJECT: Letter Report, Sign Inspection and UXO Awareness Training, 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 Ordnance Site 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.

ERT staff arrived on Nantucket Island on June 24, 2019. The objectives of the visit were to:

- Conduct a public presentation to the Nantucket Conservation Foundation, first responders including local police and fire department personnel and other interested parties on Unexploded Ordnance (UXO) Awareness at the Nantucket Beach FUDS, project number D01MA045601.
- Perform evaluation of current site conditions and sign inspection and maintenance of six signs associated with the MRS.
- Review and document ordnance responses from the State Bomb Squad or Explosive Ordnance Detachment since the last inspection.

UXO Awareness Training

The presentation was conducted at the White Elephant Village Resort, Nantucket by Mr. Michael Watson, ERT MMRP Health and Safety Officer. The PowerPoint presentation, approved by USACE for the initial UXO Awareness presentation in June 2017, was presented by Mr. Watson to ten (10) attendees. None of the interested parties requested a copy of the DVD of the presentation.

The sign-in sheet is included in Attachment A.

Sign Inspection and Maintenance

After the presentation, Mr. Watson and David Cote, ERT, inspected the six signs, finishing at



approximately 4:30 pm. The weather conditions were sunny with a temperature of approximately 80 degrees F. Each sign, its location and general vicinity were evaluated in terms of site conditions.

In summary, as shown in Attachment B, 4 of the 6 signs were in excellent or good condition with no need for repair, replacement, or relocation. However, the top portion of one sign was missing (West Forked Pond Valley) and the location of another has been impacted by severe erosion (Tom Nevers Field). The top portion of the West Forked Pond Valley sign will be replaced. A more appropriate location for the Tom Nevers sign will be determined in the field and it will be re-located. Formal recommendations for each sign are included in the Attachment B forms.

Site Conditions

Current site conditions were evaluated as part of this report. As indicated in Attachment C and as discussed above, relative to the 2017 visit, site conditions indicate erosion has impacted the vicinity of the Tom Nevers Field sign. This erosion has affected the proper function of the LUCs in terms of that sign remaining in place. Nearby, in the vicinity of the Land Bank Commission Property sign, there is a potential future impact on LUC implementation, but it is not a significant concern at this time. No other severe erosion conditions were noted for the MRS.

Post Inspection Interviews

Part of the scope of the LUCIP is to conduct interviews with community members about the site conditions. ERT conducted these interviews via phone and they are presented in Attachment D.

EOD Activity

Local Police/Fire Departments as well as the MA State police Bomb Squad and Navy EOD, were contacted regarding incidents since the June 2018 inspection. However, after several attempts, no additional reports were obtained; these will be included as received. Attachment E contains information concerning a July 2018 munitions-related find, however, no formal EOD or State bomb squad reports were available for this incident.

This letter report is organized as follows:

Attachment A – UXO Awareness Training Sign-in Sheet

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

Attachment C – Site Conditions Form

Attachment D – Interview Forms

Attachment E – Explosive Ordnance Detail (EOD) or MA State Bomb Squad Activity Form



Attachment A

UXO Awareness Training Sign-in Sheet

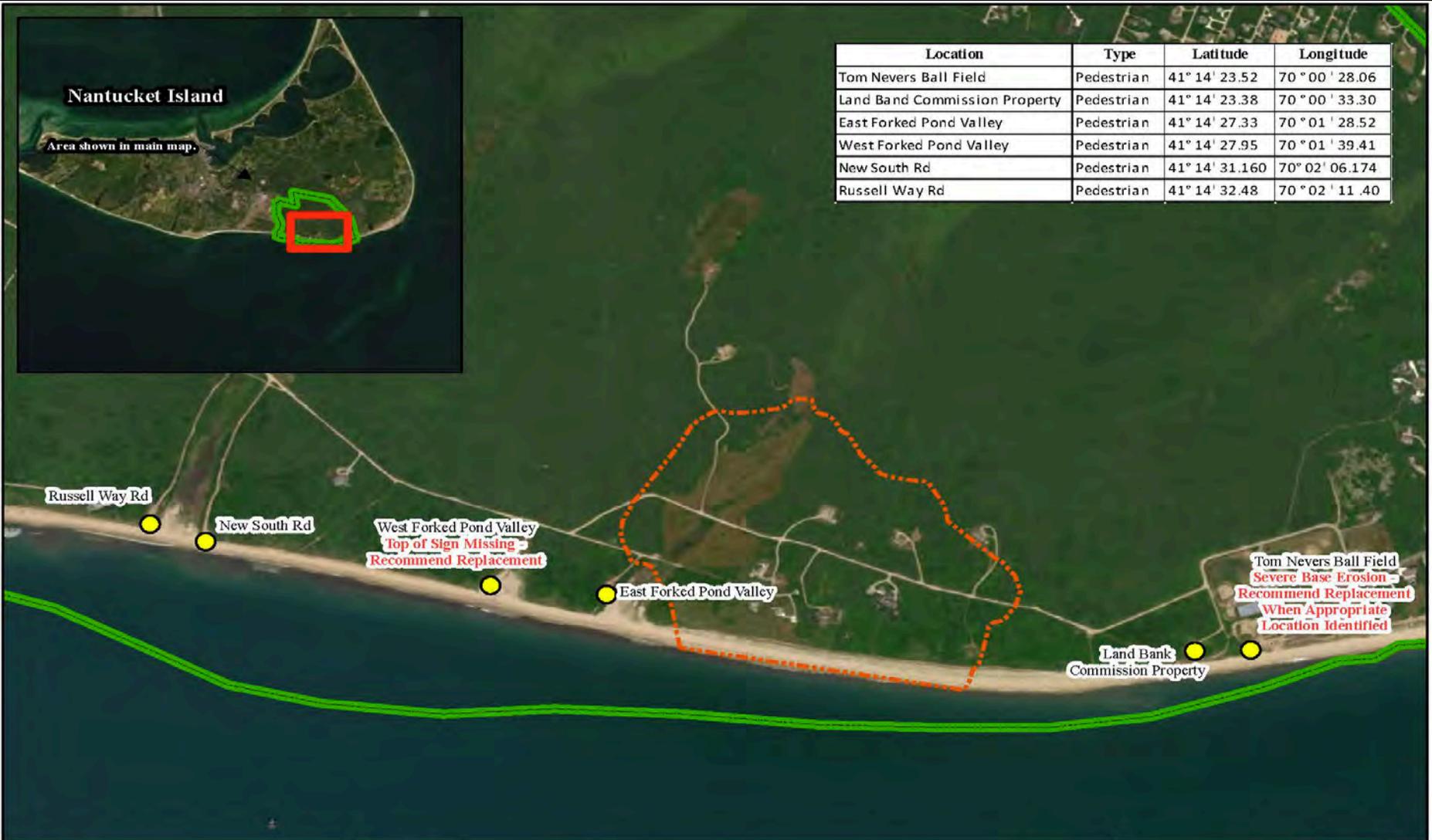


 Unexploded Ordnance Awareness Training Nantucket Beach Formerly Used Defense Site (FUDS) White Elephant Village, Nantucket, Massachusetts June 25th, 2019, 9:00 AM						 US Army Corps of Engineers BUILDING STRONG.
Contact information is requested so that USACE may provide notice of future presentations and to notify you of updates on the site.						
	Name	Title/Organization	Phone	Email	Address	
1	JEFFREY POLLOCK	PROPERTY FOREMAN NLB	508 951 8676	JPollock@NANTUCKETLANDBANK.ORG	22 BROAD ST NANTUCKET MA 02584	
2	Chris Illen	Director of Land Management	508 560-9656	cillen@nantucketconservation.org	7 Pine Crest Dr. Nantucket MA 02554	
3	DAVE VISCO	Equipment Supervisor	508 560 1053	davevisco1958@gmail.com	4 Rachel Dr Nantucket MA 02554	
4	* Rob McNeil	DPW	508-228 7244	rmcneil@nantucket-ma.gov	188 Madaket Rd.	
5	Chris Roseo	DPW	508-228-7244	Croses@nantucket-ma.gov	188 Madaket Rd	
6	GRAEME DUNOVICH	DPW	508-228-7200 ext. 7520	gdunovich@nantucket-ma.gov	188 Madaket Rd.	
7	TASHAIDA GARY	DPW	508 228 7244	Tgary@nantucket-ma.gov	188 madaket road	
8	Vanesha Williams	DPW	508-228 - 7244	vwilliams@nantucket-ma.gov	188 Madaket Road	
9	Taylor Donovan	Land Bank	908-839 0431	sid49101@monmouth.edu	125 Somerset Rd.	
10	William Delvecz	DPW	508-228-7364	wdelvecz@usace.com	9 Alexandria	
28						
29						
30						



Attachment B

Site Figure, Sign Inspection Form, and Photo Documentation Log



Location	Type	Latitude	Longitude
Tom Nevers Ball Field	Pedestrian	41° 14' 23.52	70° 00' 28.06
Land Bank Commission Property	Pedestrian	41° 14' 23.38	70° 00' 33.30
East Forked Pond Valley	Pedestrian	41° 14' 27.33	70° 01' 28.52
West Forked Pond Valley	Pedestrian	41° 14' 27.95	70° 01' 39.41
New South Rd	Pedestrian	41° 14' 31.160	70° 02' 06.174
Russell Way Rd	Pedestrian	41° 14' 32.48	70° 02' 11.40

US Army Corps of Engineers
BUILDING STRONG.

November, 2019

Legend

- Sign Locations
- Aerial Rocket Range Target #1 MRS
- Formerly Used Defense Site (FUDS) Boundary

Data sources: ESRI Online, USACE

Figure 1
Sign Locations
Sign Inspection Report
Nantucket Beach FUDS
Nantucket, Massachusetts

N:\GIS\Northeast\Massachusetts\Nantucket\MXD\SignInspection\2019\SignLocations.mxd



I. Site Information				
Site Name: Nantucket Beach FUDS – Project no. D01MA045601		Date(s) of Inspection: June 24, 2019		
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	Poor	Cleaning, wiped down with Windex	Cleaning, June 24, 2019	While sign and footer in good condition, severe erosion places sign about 3 feet from edge of bluff. Erosion created an undercut of approx. 12ft. Concrete footer exposed at beach level. RECOMMEND: re-locate when appropriate location identified (Photos #2, #3, #4)
Land Bank Commission Property	Excellent	Cleaning, wiped down with Windex	Cleaning, June 24, 2019	Sign location is before beach entrance trail, south of parking area. Pedestal in excellent condition, no erosion issues. RECOMMEND: no action
East Forked Pond Valley	Excellent	Cleaning, wiped down with Windex	Cleaning, June 24, 2019	Sign location is before beach entrance trail. Pedestal in excellent condition, no erosion issues. RECOMMEND: no action
West Forked Pond Valley	Sign Missing	N/A	N/A	Sign is missing, but pedestal still in good condition. Located on the west side of beach entrance trail, south of parking area. No erosion issues. RECOMMEND: replace sign on existing pedestal (Photos #13, #14)
New South Road	Good	Cleaning, wiped down with Windex	Cleaning, June 24, 2019	Sign is before beach entrance trail facing parking area. Sign and pedestal in good condition, no erosion issues. RECOMMEND: no action
Russell Way Road	Good	Cleaning, wiped down with Windex	Cleaning, June 24, 2019	Sign location is at top of sand dune, prior to beach entrance. Minor erosion at base, exposing 2-3 inches of concrete footer. Sign and pedestal in good condition. RECOMMEND: no action

Tom Nevers Ball Field Sign
Inspection June 24, 2019



1. Sign facing southwest.



2. Severe erosion.



3. Erosion view from beach.



4. Erosion overview.

Land Bank Commission Property Sign
Inspection June 24, 2019



5. Sign facing north.



6. Close up (excellent condition).



7. Sign approach.



8. Sign and pathway to beach.

East Forked Pond Valley Sign
Inspection June 24, 2019



9. Sign facing southwest.



10. Approach to sign.



11. View from beach.



12. Pedestal in excellent condition.

West Forked Pond Valley Sign
Inspection June 24, 2019



13. Sign facing missing.



14. Side view.



15. Pedestal in good condition.

New South Road Sign
Inspection June 24, 2019



16. Sign facing southwest.



17. Approach to sign from parking lot.



18. Side view.



19. Beach view, facing east.



Attachment C
Site Conditions Form



I. Site Information		
Site Name: Nantucket Beach FUDS	Date(s) of Inspection: June 24, 2019	
Location and Region: Nantucket, MA		
II. Site Conditions		
Location (vicinity of sign)	Site Conditions of Note (e.g., significant erosion since last site inspection, observations of munitions, or other observations that impact LUC implementation)	Notes: (include photograph documentation)
Russell Way Road	Bluff is showing minor signs of erosion, but not significantly different from June 2018.	No findings that impact LUC implementation.
New South Road	Beach showing minor signs of erosion, but not significantly different from June 2018.	No findings that impact LUC implementation.
West Forked Pond Valley	No significant observations.	No findings that impact LUC implementation.
East Forked Pond Valley	No significant observations.	No findings that impact LUC implementation.
Land Bank Commission Property	Minimal erosion to the west. Potential for future erosion of sign area.	Potential future impact on LUC implementation if sign is affected, but not a concern at this time.
Tom Nevers Ball Field	Severe erosion undercutting sign. Beach cliff looks to be eroding significantly, exposing miscellaneous old building materials and rubbish.	Impact on LUC implementation in that erosion will soon cause loss of sign.



Attachment D
Interview Forms



I. Site Information		
Site Name: Nantucket Beach FUDS		Date(s) of Inspection:
Location and Region: Nantucket, MA		
II. Interview Activity		
Individual Interviewed	Date of Interview	Brief Description of Discussion (include reports of onsite intrusive activities, EOD response action, etc.)
Andrew Wing, Homeowner	7/29/19	Phone interview, see questionnaire
Rob McNeil, Director, Department of Public Works	7/29/19	Phone interview, see questionnaire
Chris Iller, Director of Land Management, Nantucket Conservation Foundation	7/29/19	Phone interview, see questionnaire
Attempts to reach other interested parties were unsuccessful.		



Community Interview Questionnaire Sheets (7-29-19 interview by ERT)

Name: Andrew Wing (Private Resident)

Address: 10 New South Rd., Nantucket, MA 02554

Telephone (H): 508-633-5179 Work (W): _____

1. A FUDS Long Term Management (LTM) is being conducted at the Former Nantucket Ordnance Site in Nantucket, MA. Have you heard about this project? If so, do you remember when and how you learned of it?

Mr. Wing indicated that he was aware of the “fairly extensive project.” He has lived on the island for 30 years and has seen people working on the beach as well as news articles about helicopter scans and other things.

2. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing FUDS LTM at the Nantucket Ordnance Site?

Yes, but Mr. Wing did not provide a specific name.

3. If you have, were they responsive to your concerns or questions?

Yes, they were responsive. In the past, Mr. Wing had spoken to individuals performing clean-up activities on site. They provided plenty of documentation to answer his questions.

4. Do you know how the community receives information about local events and news (*i.e.*, radio, television, online news sources or newspapers)?

Mr. Wing noted local radio, social media, and local newspapers as sources.

5. Is there anything else you would like to mention that we have not talked about? If in answering this question you provide “historical” information, please identify the source of this information.

Mr. Wing mentioned that his neighbors have previously found ordnance while digging on their property, but that they have always called the police and had it removed properly.



Community Interview Questionnaire Sheets (7-29-19 interview by ERT)

Name: Rob McNeil, Director, Department of Public Works

Address: 188 Madeket Rd., Nantucket, MA 02554

Telephone (H): 508-228-7254 Work (W): _____

1. A FUDS Long Term Management (LTM) is being conducted at the Former Nantucket Ordnance Site in Nantucket, MA. Have you heard about this project? If so, do you remember when and how you learned of it?

Mr. McNeil explained that he first learned of the FUDS-LTM when interviewing for his position at the Department of Public Works (DPW).

2. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing FUDS LTM at the Nantucket Ordnance Site?

Yes.

3. If you have, were they responsive to your concerns or questions?

Yes. Mr. McNeil has spoken with representatives from the Navy EOD who were responsive. He also mentioned that other members of the DPW staff had spoken with USACE representatives.

4. Do you know how the community receives information about local events and news (*i.e.*, radio, television, online news sources or newspapers)?

Mr. McNeil stated that this was “typically, through the town manager’s office.”

5. Is there anything else you would like to mention that we have not talked about? If in answering this question you provide “historical” information, please identify the source of this information.

No.



Community Interview Questionnaire Sheets (7-29-19 interview by ERT)

Name: Chris Iller, Director of Land Management, Nantucket Conservation Foundation

Address: 7 Pine Crest Dr. Nantucket, MA 02554

Telephone (H): 508-560-9656 _____ **Work (W):** _____

1. A FUDS Long Term Management (LTM) is being conducted at the Former Nantucket Ordnance Site in Nantucket, MA. Have you heard about this project? If so, do you remember when and how you learned of it?

Mr. Iller stated that he had known about the project for a long time. His grandfather was a WWII veteran and had informed him of the FUDS as a child.

2. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing FUDS LTM at the Nantucket Ordnance Site?

Yes, Mr. Iller indicated that he had attended the most recent UXO awareness presentation presented by ERT on June 24, 2019.

3. If you have, were they responsive to your concerns or questions?

Yes, Mr. Iller stated that the presentation was informative and eased any concerns he may have had.

4. Do you know how the community receives information about local events and news (*i.e.*, radio, television, online news sources or newspapers)?

Mr. Iller stated that the 'new' radio station was informative, and mentioned that Facebook and the local paper were also effective.

5. Is there anything else you would like to mention that we have not talked about? If in answering this question you provide "historical" information, please identify the source of this information.

Mr. Iller stated that "No, I feel good after hearing the UXO Awareness presentation."



Attachment E

Explosive Ordnance Detail (EOD) or MA State Bomb Squad Activity Forms

NOTE:

The photo below was described as an “unexploded military shell”, determined to be a 2.25-inch scar rocket. It was found on July 30, 2018, since the previous site visit, and was properly disposed by EOD personnel (the requested EOD report will be submitted once available). The location was reportedly on New South Road, roughly halfway between the intersection of Rugged and New South roads and the Tom Nevers ballfields.

It is included here for tracking purposes only.

