FINAL

FIRST FIVE-YEAR REVIEW REPORT

TISBURY GREAT POND MUNITIONS RESPONSE SITE FUDS PROPERTY NO. D01MA0453, PROJECT 01

MARTHA'S VINEYARD, MASSACHUSETTS

Prepared for:



U.S. Army Corps of Engineers New England District



FINAL FIVE YEAR REVIEW

Tisbury Great Pond Munitions Response Site FUDS Property No. D01MA0453, Project 01 Martha's Vineyard, Massachusetts

Prepared for:

U.S. Army Corps of Engineers New England District

Contract: W912DR-15-D-0015 Delivery Order 0003

Prepared by:

ERT, Inc. Laurel, Maryland 20701 (301) 323-0620

J.A. Atlan

Digitally signed by ATILANO.JOHN.ANTHONY.II.11 72226082 Date: 2022.03.28 09:39:58 -04'00'

28 March 2022

JOHN A. ATILANO II Colonel, Corps of Engineers District Engineer Date

COMPLETION OF SENIOR TECHNICAL REVIEW

This document has been produced within the framework of the ERT, Inc. (ERT) quality management system. As such, a senior technical review has been conducted. This included review of all elements addressed within the document, proposed or utilized technologies and alternatives and their applications with respect to project objectives and framework of U.S. Army Corps of Engineers regulatory constraints under the current project, within which this work has been completed.

FOR BOATURE

12/16/20

Thomas Bachovchin, PG Senior Technical Reviewer Date

COMPLETION OF INDEPENDENT TECHNICAL REVIEW

This document has been produced within the framework of ERT's quality management system. As such, an independent technical review, appropriate to the level of risk and complexity inherent in the project, has been conducted. This included a review of assumptions; alternatives evaluated; the appropriateness of data used and level of data obtained; and reasonableness of the results, including whether the product meets the project objectives. Comments and concerns resulting from review of the document have been addressed and corrected as necessary.

James Ashily

12/17/20

James Stuby, P.G Independent Technical Reviewer Date

Tisbury Great Pond Munitions Response Site *Final Five Year Review*

Table of Contents

1.0	INTRODUCTION	1
1.1	Site Background	1
1.2	Five-Year Review Summary Form	2
2.0	RESPONSE ACTIONS	
2.1	Basis for Taking Action	3
2.2	Response Actions Summary	3
2.3	Status of Implementation	
3.0	PROGRESS SINCE THE LAST REVIEW	7
4.0	FIVE YEAR REVIEW PROCESS	8
4.1	Community Notification, Involvement & Site Interviews	8
4.2	Data Review	9
4.3	Site Inspection	9
5.0	TECHNICAL ASSESSMENT	. 11
6.0	ISSUES & RECOMMENDATIONS	. 13
7.0	PROTECTIVENESS STATEMENT	. 14
8.0	NEXT REVIEW	. 15
9.0	REFERENCE LIST	16
	NDIX A – SITE FIGURES	
APPE	NDIX B – INTERVIEWS and SITE INSPECTION CHECKLIST	. 18
APPE	NDIX C – EOD REPORTS	. 19

LIST OF ACRONYMS AND ABBREVIATIONS

CENAE USACE New England District

DD Decision Document
DoD Department of Defense
EOD Explosive Ordnance Detail
FUDS Formerly Used Defense Site

FYR Five Year Review

LTM Long-term Management

LUC Land Use Control

MEC Munitions and Explosives of Concern

MPPEH Munitions Potentially Presenting an Explosive Hazard

MRA Munitions Response Area
MRS Munitions Response Site
NCP National Contingency Plan
RAO Remedial Action Objective
RI Remedial Investigation
TTOR The Trustees of Reservation
USACE U.S. Army Corps of Engineers

UU/UE Unlimited Use/Unrestricted Exposure

UXO Unexploded Ordnance UXB UXB International, Inc.

1.0 INTRODUCTION

The purpose of a Five-Year Review (FYR) is to evaluate the implementation and performance of a remedy in order to determine if it is and will continue to be protective of human health and the environment. The methods, findings, and conclusions of reviews are documented in the FYR. In addition, the FYR report identifies issues found during the review, if any, and documents recommendations to address them.

The U.S. Army Corps of Engineers (USACE) is preparing this FYR pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 121, consistent with the National Contingency Plan (NCP)(40 CFR Section 300.430(f)(4)(ii)), and considering Department of Defense (DoD) policy.

This is the first FYR for the Tisbury Great Pond Munitions Response Area (MRA), Formerly Used Defense Site [FUDS] Property No. D01MA0453, Project 01). The Decision Document (DD) was signed in June 2016 (USACE, 2016), but the triggering action for this FYR is the start of the remedial action (RA) for FUDS Property No. D01MA0453, Project 01 (April 2017). The FYR has been prepared for this site because explosive safety risks remain above levels that allow for unlimited use and unrestricted exposure (UU/UE).

The Remaining Land and Water MRS (Project 02), is not included in the FYR because USACE determined no action was necessary.

The FYR was led by the USACE New England District (CENAE). Participants included the USACE Baltimore District and the USACE contractor ERT, Inc. ERT's review team included a lead environmental scientist and a UXO Technician III. The review began February 28, 2020.

1.1 Site Background

The Tisbury Great Pond MRS, FUDS Property No. D01MA0453, is in West Tisbury, Dukes County, Martha's Vineyard, Massachusetts (Appendix A, Figure 1). The FUDS Munitions Response Area (MRA) acreage was delineated into two MRSs: Tisbury Great Pond MRS (Project 01) is approximately 123 acres of contaminated land, inland water, and ocean (Appendix A, Figure 2). The Remaining Land and Water MRS (Project 02) is approximately 959 acres of uncontaminated land and water.

Currently, the Tisbury Great Pond MRS (Project 01) is owned by the Trustees of Reservation (TTOR), the Commonwealth of Massachusetts (inland and coastal waters), and private landowners, the Tsissa Corp., and private landowners (see Appendix A, Figure 2). The land is part of the Massachusetts Coastal Zone and Long Point Wildlife Refuge.

Tisbury Great Pond is a designated shellfish and blue claw crab fisheries area and actively harvested for oysters, clams, crabs, and fish. Most of the barrier beach at the southern end of the pond is privately owned, with many different landowners owning a narrow strip of land extending from the pond to the Atlantic Ocean. The beach is used for recreational purposes. It is anticipated that the future land use will remain the same. It is also anticipated that erosion and future loss of the barrier beach as well as cuts to open up the barrier beach several times per year by the local authorities will continue.

Tisbury Great Pond Munitions Response Site Final Five Year Review

Between August 1943 and July 1947, the MRA was used as a practice dive bombing and strafing range. The site was utilized to support the U.S. Navy's fighter training program at Quonset Point Naval Air Station, Rhode Island, and the Naval Auxiliary Air Station, Martha's Vineyard, Massachusetts. During the initial operational period of the range, strafing and masthead targets were constructed to allow student pilots to develop their gunnery and bombing skills. It is believed that military activities ceased at the site by the end of World War II.

1.2 Five-Year Review Summary Form

SITE IDENTIFICATION						
Site Name: Tisbu Vineyard, Massachusetts	Site Name: Tisbury Great Pond MRS 1 (Project 01) and MRS 2 (Project 02), Martha's					
DoD ID: D01M	A0453					
Region: USEPA Region 1	State: MA	City/County: Dukes				
	;	SITE STATUS				
NPL Status: Non-NPL						
_		Has the site achieved construction completion?				
REVIEW STATUS						
Lead agency: Other Federal Agency U.S. Army Corps of Engineers (USACE)						
Author name: Carol An	n Charette, Project	Manager				
Author affiliation: USA	CE					
Review period: 2/28/202	20 - 7/30/2021					
Date of site inspection: October 9, 2020						
Type of review: Statutory						
Review number: 1						
Triggering action date: 4/28/2017						
Due date (five years after triggering action date): 4/28/2022						

2.0 RESPONSE ACTIONS

Response actions have included EOD emergency responses between 2009 and 2011, implementation of interim institutional controls in June 2014, and implementation of remedial actions at the Tisbury Great Pond MRS 01, 2017 to the present.

2.1 Basis for Taking Action

Based on the presence of MEC identified during the RI, a MEC Hazard Assessment was performed. The results of the MEC Hazard Assessment in the RI for the Tisbury Great Pond MRS (Project 01) identified a hazard level category of 1, indicating the highest level of potential explosive hazard conditions were present.

2.2 Response Actions Summary

Four MEC items were discovered and destroyed by EOD during emergency responses between 2009 and 2011 and eight MEC items (practice bombs with spotting charges) were identified and destroyed during the remedial investigation.

Interim Land Use Controls (LUCs) were implemented during the RI in order to ensure safety of the landowners, workers, and the public.

Decision Document

The Remedial Action Objective (RAO) for the Tisbury Great Pond MRS is to reduce the unacceptable probability of encountering MEC at the MRS such that a negligible probability of an encounter can be supported for recreational users, landowners, visitors, and workers conducting activities such as boating, fishing, periodic opening of the cut in the barrier beach to lower the pond level, swimming, and other activities at the MRS from explosive hazards associated with the following MEC exposures:

- In and below the dunes (potentially up to 6 ft bgs);
- In the top 3 ft of subsurface soil or sediment;
- During intrusive activities; and
- Dune erosion

The Selected Remedy for the Tisbury Great Pond MRS was Subsurface Clearance, with interim Land Use Controls (LUCs) in the form of public education and notification until UU/UE is achieved. The goal of the selected remedy is to protect people from encountering MEC at the Tisbury Great Pond MRS.

Interim Land Use Controls

The following are the specific components of the interim LUCs:

- Development and distribution of 3Rs (Recognize, Retreat, Report) explosive safety educational materials (e.g., brochures, fact sheets) to property owners, local responders, and Town officials, and implementation of the program.
- Installation and maintenance of signage at strategic access points in the MRS to alert users of the site's history and potential to encounter military munitions.

• Implementation of a targeted 3Rs Explosive Safety Education Program (annual training) that is focused on the property owners, local responders, and Town officials.

2.3 Status of Implementation

Remedial Action

USACE initiated remedial actions at the Tisbury Great Pond MRS in 2017. Remedial actions were delayed due to erosion conditions that prevented site access in certain areas. USACE remobilized in June of 2021, and the remedial actions were completed in late June 2021; a Remedial Action Completion Report will be prepared.

Through June 2021, approximately 285 MEC items and 295 MD items have been encountered. During the RA, nine (9) MEC items were recovered on land, 2 at or below the consistent detection depth of 36 inches and one at 40 inches. 276 MEC items were recovered in water, 12 at or below the consistent detection depth of 36 inches and one at 40 inches. Consistent detection depth means a worst case orientation (horizontal) where it would be expected that the item would always be detected. Where items are in a more favorable orientation or where multiple metallic sources are at the same location, detection depth would be greater. Since items were recovered at Tisbury below the consistent detection depth due to such favorable conditions, and many more were recovered up to that depth, it cannot be stated with certainty that additional deep items do not remain. Also, due to the dynamic site conditions resulting in significant sand movement, these deeper items could potentially become shallower or be exposed over time.

Interim LUCs Implemented

Pre-remedy interim LUCs were implemented as part of the RI, and then further developed in the Land Use Control Implementation Plan (LUCIP) after the DD was signed. USACE began conducting annual UXO awareness training under the LTM phase following the signing of the DD in June 2016. Beginning in October 2018, USACE has been conducting sign inspections and training annually, in the spring (June) prior to the start of the summer tourist season.

Implementation of the LUCs is outlined in the Land Use Control Implementation Plan (LUCIP) for the Tisbury Great Pond MRS (Property No. D01MA0453), Martha's Vineyard, Massachusetts (USACE, 2019). LUCs, as identified in the DD, have been fully implemented at the site. Sign maintenance, distribution of explosive safety educational materials, and explosive safety training is ongoing. For the previous annual Long Term Monitoring inspection, conducted June 25, 2019 (Letter Report, Sign Inspection and UXO Awareness Training, Martha's Vineyard, May 2020, Final), ERT conducted a public presentation for life guards and first responders including local police and fire department personnel and other interested parties on UXO Awareness, performed an evaluation of site conditions and inspected/maintenance signage associated with the MRS, and documented ordnance responses from the State Bomb Squad or EOD since the previous inspection. The Annual LTM Report (USACE, May 2020) provides the detail of the UXO training, attendees, conditions of signage and general site conditions with regard to erosional impacts to the signs.

The most recent LTM inspection for Tisbury Great Pond was conducted on October 9, 2020, concurrent with this FYR site inspection due to COVID-related travel recommendations; the report of these activities has been submitted separately. The following summarizes findings from the October inspection:

Current site conditions were evaluated. Appendix A, Figure 1, provides a site figure that indicates the footprint of the area physically evaluated during the inspection. The conditions are described

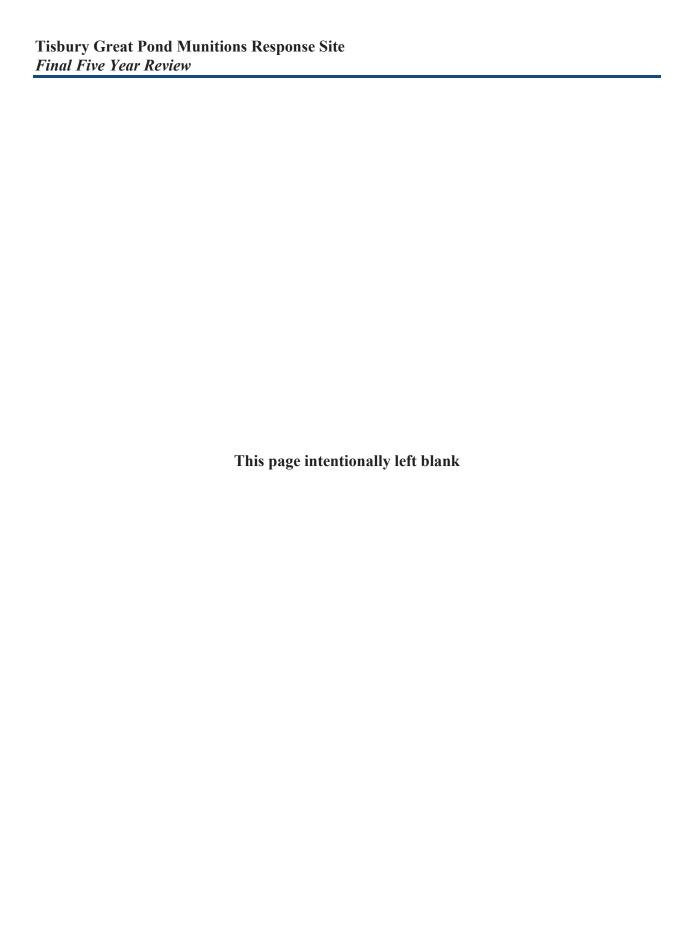
Tisbury Great Pond Munitions Response Site *Final Five Year Review*

relative to the educational awareness signage for easier geographical reference. The main entrance, the entrance to Winter Beach, and the entrance to Summer Beach are areas where erosion is not impacting the proper function of the LUCs. Erosion has impacted signage in the area of Western Beach; no sign replacement was recommended in this area due to the site conditions. The 2019 annual LTM report indicated beach erosion in the western portion of the MRS that was severe enough to have destroyed the existing sign (the sign was washed away prior to April 2018). The 2020 inspection confirmed these erosional conditions in the western area of the MRS.

With regard to construction activities, the Riparian Owners Association opens "cuts" in the barrier beach separating the brackish pond from the open ocean, approximately 5 times per year, to prevent flooding in home owner basements along the edge of the pond and to flush the pond to maintain the environmental health of the pond. At times during these flushing operations, the current would flush munitions from the sediments of the pond; some munitions were removed from the bottom sediments of the pond to reduce the possibility of munitions being flushed out. The opening of the cuts continued throughout the remedial action and continue to the present time. However, no munitions finds have been specifically attributed to this barrier beach cutting in the five year period.

No other major construction activities have occurred within the MRS that impact the function of the LUCs and LTM program. USACE queried the Town of West Tisbury Inspector of Buildings, regarding construction permits over the past five years; the Department indicated that no intrusive building or electrical trenching permits were issued for the MRS area. There were no indications of additional areas of munition finds based on intrusive construction-type activities within the MRS, or indications that additional LUCs, such as signage, were required due to construction activities.

Finalized reports, and other relevant project information are available at the Information Repository and from the USACE New England District website shown in Section 4.1.



3.0 PROGRESS SINCE THE LAST REVIEW

This is the first FYR.

4.0 FIVE YEAR REVIEW PROCESS

4.1 Community Notification, Involvement & Site Interviews

The Community Relations Plan (USACE, 2016b) serves as the framework for community relations during project activities conducted at the Tisbury Great Pond MRS.

Project information is available at the Information Repository and from the USACE New England District website (https://www.nae.usace.army.mil/Missions/Projects-Topics/Marthas-Vineyard-RIFS/). The Information Repository is located at:

Edgartown Library 58 North Water Street Edgartown, Massachusetts 02539 Tel: (508) 627-4221

Web site: www.edgartownlibrary.org

A public notice was published in the Vineyard Gazette, by CENAE, on April 2, 2021(included in Appendix B), stating the five-year review process had begun and inviting the public to submit any comments to USACE; none were received. The results of the review and the report will be made available on the USACE New England website and at the Site information repository location listed above.

During the FYR process, interviews were conducted to document any perceived problems or successes with the remedy that has been implemented to date. The results of these interviews are included in the Interviews and Site Inspection Checklist form (Appendix B), and are summarized below: Telephone interviews were planned to represent a variety of types of individuals, but a number of individuals contacted did not respond (i.e., calls were not returned). Table 1 presents a log of all calls. The individuals interviewed represent a variety of people associated with the area, including the local authorities. As indicated in the interviews in Appendix B, all were aware of the project to some degree, and while there were some minor concerns, none of the individuals raised significant concerns or had any substantive issues.

Table 1. Interview Call Log

Name	Organization	Phone #	Address	Result
Joanne Dearden	Project Manager Massachusetts Department of Environmental Protection-Boston	617-292- 5788	1 Winter Street, Boston, MA 02108	MassDEP has indicated they will provide written comments on the Draft-Final document
Samuel Hart	Superintendent, The Trustees of Reservations	508-693- 5966	Email: Hart@thetrustees.org Vineyard Haven, MA	Emailed Interview questions to Mr. Hart Sept. 1, received Sept 9
Adam Moore	Executive Director, Sheriff's Meadow Foundation, Parcel owner	508-693- 5207	Wakeman Conservation Center 57 David Avenue Vineyard Haven, MA 02568	Interviewed 7 Aug 2020

Tisbury Great Pond Munitions Response Site *Final Five Year Review*

Name	Organization	Phone #	Address	Result
Kent Healy	The Town Sewers	508-693- 6736	Riparian Owners Association - Town Sewers	Interview conducted 9-29-2020
Larry Miller	President Quansoo Beach Association	617-645- 4982	PO Box 1857 Oak Bluffs MA 02557-1857	Interview conducted 9-30-2020
Joseph Tierney	Inspector of Buildings, Town of West Tisbury	508-696- 0113	1059 State Road, 1st Floor PO Box 278 West Tisbury, MA 02575	Interview conducted 4-14-2021
Chief Jonathan Klaren	Chilmark Police Department	508 645- 3310	15 State Road Chilmark, MA 02535	Left phone message 9-29-2020, No reply
Chuck Hodgekinson	Chilmark Conservation Commission	508 645 – 2114	401 Middle Rd Chilmark, MA 02535	Left phone message 9-29-2020, No reply
Fire Chief	West Tisbury Fire Department	508 693- 2749	West Tisbury, MA 02575	Left phone message 9-29-2020, No reply
Maria McFarland	West Tisbury Conservation Commission	508 696- 6404	1059 State Road, 2nd Floor West Tisbury, MA 02575	Left phone message 9-29-2020, No reply Declined 10-1-20
Private Owner	Parcel 42-4.9 (within MRS Boundary)	NA	NA	Phone attempts on 3-4-21 and 4-14-21; could not leave message
Private Owner	Parcel 42-4.10 (within MRS Boundary)	NA	NA	Phone attempts on 3-4-21 and 4-14-21; could not leave message

4.2 **Data Review**

Site related documents reviewed for this FYR are listed in the References. Regulations, policy, and guidance that were used to complete this FYR are also listed in the References. There were no emergency responses for munitions that occurred during the 5 Year Review period.

4.3 Site Inspection

The inspection of the Site was conducted on October 9, 2020. In attendance were the ERT Deputy PM and Senior UXO Manager. The purpose of the inspection was to assess the protectiveness of the remedy. The Site Inspection checklist is presented in Appendix B.

Current site conditions were evaluated as part of this report. Figure 1, Appendix A, indicates the footprint of the area physically evaluated during the inspection. For the survey of site conditions, ERT walked the areas of the shoreline from west of the boundary line shown to east of the easternmost sign (Summer Beach), to the northern area of the Main Entrance sign, assessing site conditions in terms of erosion and potential impacts to the proper functioning of the LUCs.

The main beach entrance, the entrance to Winter Beach, and the entrance to Summer Beach are areas where erosion is not impacting the proper function of the LUCs. However, erosion has impacted the signage in the area of Western Beach; no sign replacement was recommended in this area due to site conditions.

5.0 TECHNICAL ASSESSMENT

QUESTION A: Is the remedy functioning as intended by the decision documents?

Question A Summary:

No. The RA subsurface clearance component of the remedy assumed that UU/UE would be achieved after the subsurface clearance, and that no unacceptable risk would remain at the site. However, due to the fact that there likely remains munitions below 3 feet (the consistent detection depth for the Remedial Action, see Section 2.3 discussion), following the Remedial Action, USACE has determined that the remedy has not achieved UU/UE, and that an unacceptable risk remains at the site.

USACE has been performing interim LUCs since 2015 which include inspection and maintenance of signage, annual walk over inspections of the site, annual ordnance training, annual tracking of EOD or State Bomb Squad Responses, and whether any construction/intrusive activities have occurred at the site. Interim LUCs were intended to provide site-specific awareness for the local community and ensure the safety of land owners, workers, and the public until the remedial action was completed. The Interim LUCs have successfully reduced the probability that workers, visitors, and recreational users encounter, move, disturb, or handle munitions at the Tisbury Great Pond MRS.

QUESTION B: Are the exposure assumptions, toxicity data, cleanup levels, and RAOs used at the time of the remedy selection still valid?

Question B Summary:

No. The RAO for the Tisbury Great Pond MRS is to reduce the unacceptable probability of encountering MEC at the MRS such that a negligible probability of an encounter can be supported for recreational users, landowners, visitors, and workers conducting activities such as boating, fishing, periodic opening of the cut in the barrier beach to lower the pond level, swimming, and other activities at the MRS from explosive hazards associated with the following MEC exposures:

- In and below the dunes (potentially up to 6 ft bgs);
- In the top 3 ft of subsurface soil or sediment;
- During intrusive activities; and
- Dune erosion

The RAO addresses hazards under current and potential future land use (note that the current land use is not anticipated to change).

The final remedy assumed that UU/UE would be achieved after the remedial action was completed, and that no unacceptable risk would remain at the site. However, due to the fact that there likely remain munitions below 3 feet (the consistent detection depth for the Remedial Action) and erosion can expose these munitions to site receptors, the site has not achieved UU/UE and there is an ongoing potential for exposure to MEC by site receptors which creates an unacceptable risk at the site.

The DD identified thirty-four (34) Applicable or Relevant and Appropriate Regulations (ARARs) with which the remedy was intended to comply. The 34 identified ARARs applied to clearance activities conducted as part of the remedial action. Since the remedial action is now complete and no additional clearance activities are planned, the ARARs are no longer relevant.

QUESTION C: Has any other information come to light that could call into question the protectiveness of the remedy?

Question C Summary:

No other information has come to light that calls into question the protectiveness of the remedy.

6.0 ISSUES & RECOMMENDATIONS

Issues and Recommendations Identified in the Five-Year Review:

OU(s): Tisbury	Issue Category: Remedy Performance				
Great Pond MRS (Project 01) and Remaining Land and Water MRS (Project 02)	Issue: The remedy assumed that UU/UE would be achieved and that no unacceptable risk would remain at the site after the remedial action was complete. However, since munitions are likely present below 3 feet at the site, and erosion can expose these munitions to site receptors, UU/UE has not been achieved and an unacceptable risk remains at the site.				
	Recommendation: Modify the remedy through the proper CERCLA post-DD change process to remove the expectation that UU/UE will be achieved and to authorize permanent LUCs as part of the final remedy of the site.				
Affect Current Protectiveness	Affect Future Party Protectiveness Responsible		Oversight Party	Milestone Date	
No	Yes	Other USACE	State	12/31/2021	

7.0 PROTECTIVENESS STATEMENT

Protectiveness Statement(s)

Operable Unit: Protectiveness Determination:

Tisbury Great Pond MRS (Project 01) Short-term Protective

Protectiveness Statement:

The remedy at MRS 1 currently protects human health and the environment because of the previous MEC clearance and the interim LUCs that provide site-specific awareness for the local community and ensure the safety of land owners, workers, and the public. However, in order for the remedy to be protective in the long term, the following action needs to be taken to ensure protectiveness: Modify the remedy through the proper CERCLA post-DD change process to remove the expectation that UU/UE will be achieved and to authorize permanent LUCs as part of the final remedy of the site.

8.0 NEXT REVIEW

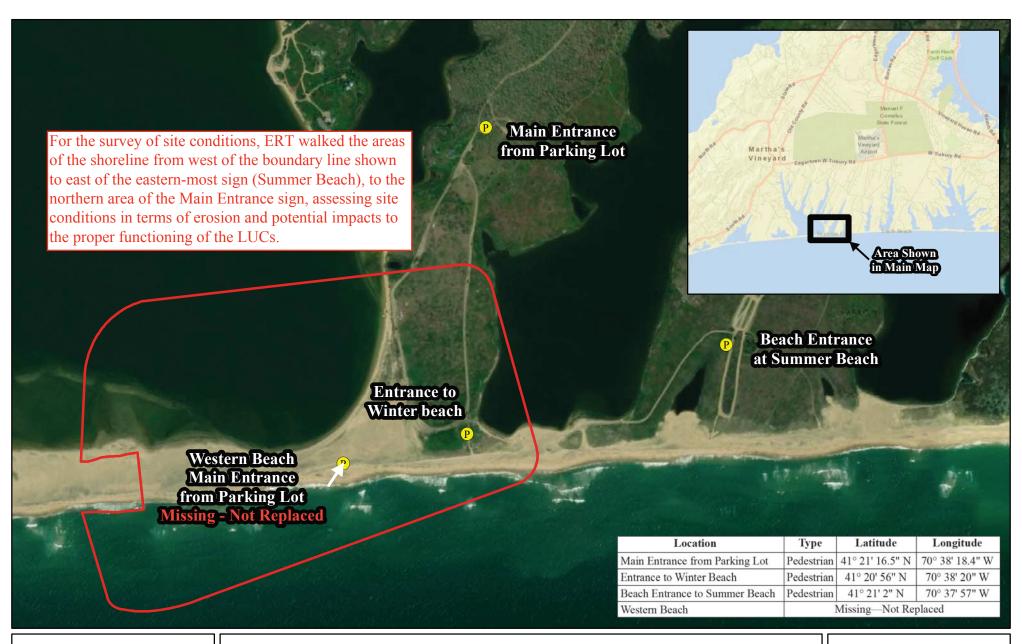
The next five-year review report for the Tisbury Great Pond MRS is required five years from the completion date of this review.

9.0 REFERENCE LIST

Department of Defense (DoD) M4715.20 and Updates, *Defense Environmental Restoration Program (DERP) Management* (DoD, 2012). March.

- USACE. 2011. EP 200-1-18, Five-Year Reviews of Military Munitions Response Projects. 2011.
- USACE. 2016. Final Decision Document, Tisbury Great Pond, FUDS Property No. D01MA0453, Projects 01 and 02. Martha's Vineyard, Massachusetts. May.
- USACE. 2016b. *Community Relations Plan, Remedial Action Tisbury Great Pond MRS*, Martha's Vineyard, Massachusetts. December.
- USACE. 2019. Land Use Control Implementation Plan for the Tisbury Great Pond MRS. June.
- U.S. Environmental Protection Agency (USEPA). 2001. OSWER 9355.7-03B-P, Comprehensive Five-Year Review Guidance. June.
- USEPA. 2016. Memorandum: Transmittal of the Five-Year Review Recommended Template. 20 January.
- UXB International, Inc (UBX). 2014. *Tisbury Great Pond Investigation Area Remedial Investigation Report, Martha's Vineyard, Massachusetts, Final.* June.

APPENDIX A – SITE FIGURES





Legend



Pedestrian



Tisbury Great Pond MRS - Remedial Action Area

Data Sources: ESRI Online, USACE

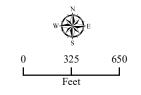
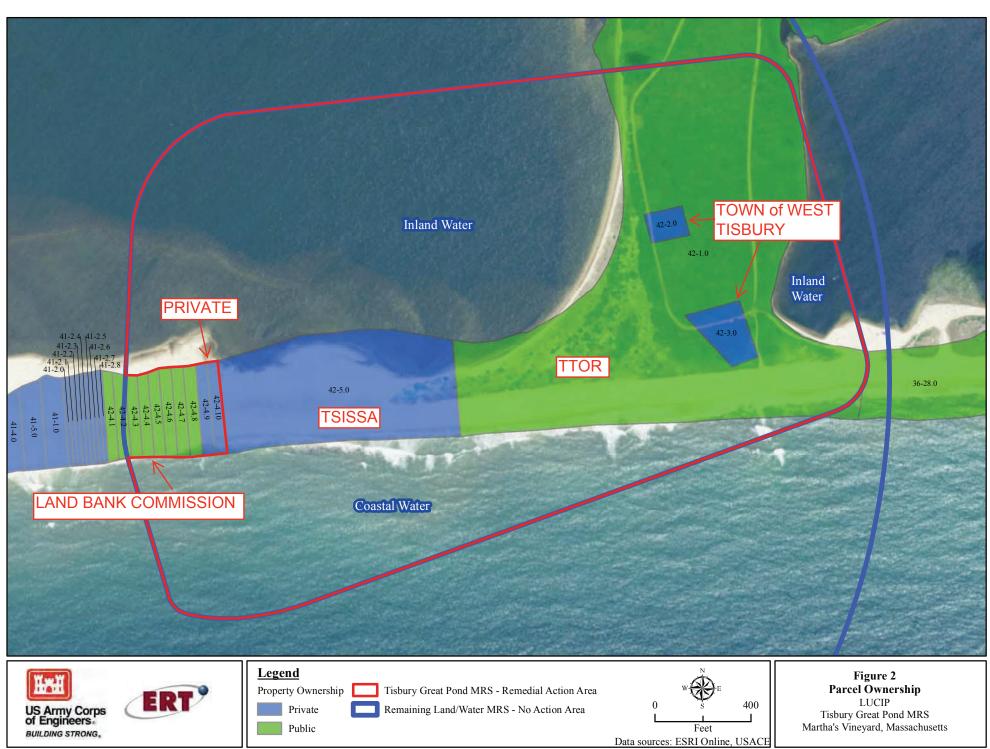


Figure 1 Site Inspection Areas

Tisbury Great Pond MRS Martha's Vineyard, Massachusetts



Tisbury Great Pond Munitions Response Site Final Five Year Review				
APPENDIX B – INTERVIEWS and SITE INSPECTION CHECKLIST				

EDGARTOWN LEGAL NOTICES

EDGARTOWN PLANNING BOARD NOTICE OF PUBLIC HEARING
The Edgartow Planning Board will hold a public hearing on Tuesday, April 20, 2021 at 5:50PM, at the request of Daniel D. Klasnick, Duval & Klasnick LLC, on behalf of Eversource Energy (Owner) jointly and severally will Colice Tarmenship downers and expension of the Colice Public P

erally with Celico Pamership dib's Verizon Wireless, to install a small cell antenna and supporting equipment on an existing utility pole located within the Town right of way of Hardy Clerk Road.

April 200 cells Road.

April 200

apr2,9,24

EDCARTOWN PLANNING BOARD
MOTICS OF PUBLIC HEARING
The Edgartown Planning Boart will hold a public hearing on Tuesday, April 20, 2021

The Edgartown Planning Boart will hold a public hearing on Tuesday, April 20, 2021

The Same and Same

is located at 32 Ocean View Avenue, Assr. Pct. 29-137.
This public hearing will be conducted exclusively using Remote Conference technoclassively using Remote Conference technoclassively using Remote Conference technoclassively using Remote Conference at the Acts of 2020. The applicant, interested parties, and the public, may attend the meeting using an internet-enabled device with a camera and mic. by visiting: with a camera and mic. by visiting: inig a voice phone call to (646)558-856. When promptle, enter Meeting ID #8537 771 5399. Application Materials are available for review online at: Douglas Finn, Assistant Edgardown Planning Board apr2,9,2-1

aprž.9.2-1

EDGARTOWN ZONING BOARD
OF APPEALS
NOTICE OF PUBLIC HEARING
On Wednesday. 21 April 2021 at 4:15PM
hold a remote public hearing via ZOOM on
the Edgardown Zoning Board of Appeals will
hold a remote public hearing via ZOOM on
town Inn Really Trust for a special permit
under sections 10.1 G 4 & 10.2 A 2 of the
zoning bylaw to expand a conditionally
permitted use by demolishing and reconstructing an existing rear building
guest rooms to seven guest rooms. The
property is located at 60 North Water
Street (Assr. Pcl. 200-288) in the R-5 Zoning) District.

ing District.

For more information on how to use zoom or to receive a copy of the application please contact: Imorrison@edgartownmaus. Written comments must be received no later than noon on 20 April 2021. Lisa C. Morrison

To Join Zoom Meeting TO JOIN ZOOM WEETING: https://us02web.zoom.us/j/88182976179 Meeting ID: 881 8297 6179 Or Join by Phone: 646 558 8656 US (New York) apr2,9,2-t

apr.2,9.24

EDGARTOWN ZONING BOARD
OF APPEALS

NOTICE OF PUBLIC HEARING
On Wednesday, 21 April 2021 at 4:45PM
he Edgardown Zoning Board of Appeals will
hold a remote public hearing via ZOOM* on
he request by Vic RW Hotel LLC d.b.s.
permit and allow a manager's apartment
to be converted to a guest room. The
property is located at 128 Upper Main
Street (PL2 OCT-179) in the RS-Soning District. For more information on how to use
some property of the Common Commo

To Join Zoom Meeting: https://us02web.zoom.us//88182976179 Meeting ID: 881 8297 6179 Or Join by Phone: 646 558 8656 US (New

apr2,9,24

EDGATOWN ZOUNING BOARD
OF APPEALS

NOTICE OF PUBLIC HEARING
On Wednesday, 21 April 2021 at 5:00PM
he Edgatown Zoning Board of Appeals will
hold a remote public hearing via ZOOM on
permit to operate a resturrant/hod shop
with outdoor seating under sections 3.1
3, 31 D 2 d 8 10.2 E of the zoning bylaw.
The section of the permit to permit to operate a resturrant/hod shop
with outdoor seating under sections 3.1
3, 31 D 2 d 8 10.2 E of the zoning bylaw.
mer Street and is owned by Shute Building
Realty Trust, Benjamin L. Hall, Tr. (Assr.
Pcl. 200-190) in the B-I Business District.
For more information on how to use zoom
please contact. 'Incrirson@edgatown
aus. Written comments must be received no later than noon on 20 April 2021.
Lisa C. Morrison.

To Join Zoom Meeting: https://us02web.zoom.us//88182976179 Meeting ID: 8818297 6179 Or Join by Phone: 646 558 8656 US (New York) apr2,9,2-t

apr2.9.2-1

EDARTOWN ZONING BOARD
OF APPEALS
NOTICE OF PUBLIC HEARING
On Wednesday, 21 April 2021 at 4:30PM
hold a remote public hearing wa ZOOM* on
hold a remote public hearing wa ZOOM* on
McMullen for a special permit under sections 10.1 G of the zoning bylaw to demolish an existing residence and construct
a new single-family dwelling and dotions 10.1 G of the zoning bylaw to demolish an existing residence and construct
a new single-family dwelling and dotoforming lot. The property is located at 30
Mill Street (Assr. Pcl. 200-4.2) in the R-5
Zoning District. For more information on
how to use zoom or to receive a copy of the
Innovision Registrom-maus. Writing comments must be received no later than noon

EDGARTOWN LEGAL NOTICES

To Join Zoom Meeting To Join Zoom Meeting: https://us02web.zoom.us/j/88182976179 Meeting ID: 881 8297 6179 Or Join by Phone: 646 558 8656 US (New York)

EDGARTOWN ZONING BOARD
NOTICE OF PUBLIC HEARING
On Wednesday, 21 April 2021 at 4:00PM
he Edgardown Zoning Board of Appeals will
hold a remote public hearing via ZOOM* on
or a special permit under section 10:1 G of
the zoning bylaw to construct a swimming pool and equipment shed on a
preexisting, nenconforming lot located at 21
normal pool and equipment shed on a
preexisting, nenconforming lot located at 21
he Red Zoning District. For more information on how to use zoom or to receive a
copy of the application please contact:
Imorrison@edgartown-ma us. Written commarks must be received no later than noon
Lisa C. Morrison
Assistant

To Join Zoom Meeting: https://us02web.zoom.us/j/88182976179 Meeting ID: 881 8297 6179 Or Join by Phone: 646 558 8656 US (New York)

TOWN OF EDGARTOWN NOTICE OF PUBLIC HEARING NOTICE of PUBLIC HEARING Notice is hereby given in accordance with the provisions of Chapter 87, Section 3 of the Massachusetts General Laws and amendments thereto, that Donaroma's Nursery and Landscape, agent for Stephen and Deborah Rusckowski, has requested permission to remove the following public proximately 15 inch DBH and 22 foot height. The tree is located at 53 South Water Street. Assessors map 20D, parcel 330.3.

Board of Selectmen / Tree Warder

*To Join Zoom Meeting https://us02web.zoom.us/j/85284377767 Dial by your location +1 646 558 8656 US (New York) Meeting ID: 852 8437 7767 mar26,apr2,2+1

Oak Bluffs LEGAL NOTICES

LEGAL NOTICES

OAK BLUFFS CONSERVATION
COMMISSION
Pursuant to Massachusetts General Laws,
Chapter 131, Section 40, the Massachusetts
Chapter 131, Section 40, the Massachusetts
Chapter 131, Section 40, the Massachusetts
Chapter 141, Section 40, the Massachusetts
Buffs Wellands Bylaw, the Oak Bluffs Conservation Commission will hold a public
hearing on a Request for Notice of Intent
Blackwood Family Trust to rwork on 274
Seaview Ave, Oak Bluffs.
The hearing will take place Wednesday
April 7, 2021 at 3.00 PM.
The hearing will take place Wednesday
April 7, 2021 at 3.00 PM.
The hearing will take place Wednesday
April 7, 2021 at 3.00 PM.
Section 15, and the Covernor's March 15,
section 15, and the Covernor's March 15,
conservation Commission will be conducparticipate in this meeting of the Oak Bluffs
Conservation Commission will be conducparticipate in this meeting of the Oak Bluffs
Conservation Commission will be conducparticipate in this meeting of the Conservation Commission meeting 10
number will provided on the Conservation
Commission meeting agenda posted on the
the meeting.

Town's website of the meeting.
Copies of the NOI may be obtained by contacting: conservation@oakbluffsma.gov apr2,1-t

OAK BLUFFS CONSERVATION

OAK BLUFFS CONSERVATION

Pursuant to Manifestion Congress of the Cong

TISBURY LEGAL NOTICES

TISBURY PUBLIC HEARING NOTICE
The Tisbury Select Board will hold a public hearing on Tuesday, April 15th, 2021 at hearing on Tuesday, April 15th, 2021 at transfer location of the auto rental license for Vineyard Enterprises, Inc., 40x9 Budget Car Rental from 45 Beach Road to 19 Beach Road. Due to enoping efforts to pre-held remotely use 20x9 public can attend and participate in the hearing by joining scheduled Zoom meeting via https://zoom.us/980505488135 Meeting ID: held remotely via Zoom platform. The Public can attend and participate in the hearing by joining scheduled Zoom meeting via https://zoom.us/980505488135 Meeting ID: held remotely via Zoom platform. The Public can attend select Board website: William School of the Public School of the S TISBURY PUBLIC HEARING NOTICE

TISBURY LEGAL NOTICES

TISBURY PUBLIC HEARING NOTICE
The Tisbury Select Board during a scheduled public hearing on Tuesday, March 9th
at 5:30PM unanimously voted to adopt proposed Short-Term Rental Regulations and
Fee. Copy of signed Short-Term Rental
Regulation is available for public inspection
on the Select Board website:
https://www.tisburyma.gov/node/18/news.

WEST TISBURY LEGAL NOTICES

NOTICE OF PUBLIC HEARING WEST TISSURY CONSERVATION

NOTICE OF PUBLIC HEARING WEST TISSURY CONSERVATION

TO WHAT TO COMMISSION

The West TISSURY CONSERVATION

TO WHAT TO COMMISSION

The West TISSURY WEST TO COMMISSION

Notice of Intent filed by Schoffed, Barbini of Medical Hearing Conservation

Notice of Intent filed by Schoffed, Barbini of Medical Hearing

Notice of Intent filed by Schoffed, Barbini of Hearing

Notice of Intent filed by Schoffed, Barbini of Hearing

Notice of Intent filed by Schoffed, Barbini of Hearing

Notice of Intent filed by Schoffed, Barbini of Hearing

Notice of Intent filed by Schoffed, Barbini

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be held on April 13, 2021

The Jubic hearing will be hearing wi

NOTICE OF PUBLIC HEARING
WEST TISBURY CONGERVATION
The West Tisbury Conservation Commission will hold a public hearing under the requirements of the West Tisbury Wellands
Frolection Bytaw and regulations to conservation will hold a public hearing units to conservation will be a public hearing units to conservation will be a public hearing with the Constall Storm Flowage. The project localization of a single-family welling in the Outer Buffer Zone of Land Subject to Coastal Storm Flowage. The project localization Flowage is the project localization of the Coastal Storm Flowage. The project localization will be a with value of the Coastal Storm Flowage. The project localization will be a with value means the Coastal Storm Flowage. The public hearing will be held on Tuesday April 13, 2021 at 5:10PM. Public participation will be via vivual means for the Coastal Storm Flowage. The public hearing will be held on Tuesday April 13, 2021 at 5:10PM. March 12, 2020 Order Suspending certain provisions of the Open Meeting Law, G.L. c. 30A, section 18, and the Governor's March 15, 2020 Order (imposing stort limitations on the number of people that may gather in The procedure to join the meeting is

The country imposing stret imitations on the number of people that may gather in one place on the number of people that may gather in one place of the number of the numbe

GENERAL LEGAL NOTICES

COMMONWEALTH OF
MASSACHUSETTS
LAND COURT
DEPARTMENT OF THE TRIAL COURT
(SEAL)

DOCKET NUMBER: 21 SM 000330 ORDER OF NOTICE

Robert E. Fuller, Sr.,

and to all persons entitled to the benefit of the Servicemembers Civil Relief Act, 50 U.S.C.c. 50 § 3901 *et seq.*:

Timothy B. Klein,

claiming to have an interest in a Mortgage covering real property in 10 North Aber's Hill Road, Chilmark, Dules County, Massachusetts, given by Robert E. Fuller, Sr. to Timothy B. Kein datel January 1, 2013 and Timothy B. Kein datel January 1, 2013 and Charles of the Company of the Company

If you now are, or recently have been, in the active military service of the United States of America, then you may be enbers Civil Relief Act. If you object to a forecase of the States of America, then you of your attorney must be above-mentioned property on that basis, then you or your attorney must for a constant of the property of the states of t

Witness, Gordon H. Piper, Chief Justice of this Court on Mar 26, 2021.

INE MANITA S VINEYARD LAND BANK Is seeking a designer to revise its existing website. A bid package is available by request at (508)627-7141 or electronically at ckrauss@vineyardlandbank.com. mar26,apr2,2-t

REQUEST FOR PROPOSALS

VIX. PROJECT PROPOSALS

THORN STATE PROPOSALS SUPPLY PROPOSALS SUPPLY PROPOSALS

TO obtain proposal specifications

To obtain proposal specifications

To obtain proposal specifications

Thomas Swineyactismals come or call

(509)693-9440 ext.112. Sealed proposals

are due at the VTA Office, 114. Street-Business Park, Edgartown, MA 02539 by

100,004 mo np. 129. 2021 at which time

they will be opened. Fax or email submit
Thomas or email submit
Thom

GENERAL LEGAL NOTICES

COMMONWEALTH OF MASSACHUSETTS
THE TRIAL COURT
PROBATE AND FAMILY COURT
DOCKET NO. DU21P0043EA
ESTATE OF:
ALLAN A. DEBETTENCOURT
DATE OF DEATH: 11/10/2020

CITATION ON PETITION FOR FORMAL ADJUDICATION

To all interested persons:

A Petition for Formal Appointment of Personal Representative has been flied by Allan A. deBettencourt, Jr. of Oak Bluffs, Marquesting that the Court enter a formal Decree and Order and for such other relief to the Court enter a formal Decree and Order and for such other relief to the Court enter a formal Decree and Order and for such other relief and the Court enter a formal Decree and Order and for such other relief and the Court entered to the Court entered

MA and
Joseph M. deBettencourt of Oak Bluffs, MA
be appointed as Personal
Representative(s) of said estate to serve
Without Surety on the bond in unsupervised administration.

Weed administration with the property of the Petition from the Petitioner or at the Court. You have a fight to object to this proceeding the proceeding the

This is NOT a hearing date, but a deadline by which you must file a written appear-ance and objection if you object to this pro-ceeding. If you fail to file a timely written ap-pearance and objection followed by an affi-davit of objections within thiny (30) days of the return day, action may be taken without further notice to you.

UNSUPERVISED ADMINISTRATION UNDER THE MASSACHUSETTS UNFORM PROBATE CODE (MUPC) A Personal Representative appointed nor traction is not required to file an inventory or annual accounts with the Court. Persons interested in the settle are entitled to notice regarding the administration directly from the Personal Representative and may petitive the properties of the Personal Representative and may petitive the properties of the Personal Representative and may petitive the properties of the Personal Representative and may petitive the properties of the Personal Representative and may petitive the properties of the Personal Representative and may petitive the properties of the Personal Representative and may petitive the properties of the proper tion the Court in any matter relating to the estate, including the distribution of assets and expenses of administration.

WITNESS, Hon. Susan L. Jacobs, First Justice of this Court. Date: March 24, 2021 Dather beVirolate Register of Probate Dukes County Probate and Family Court POOR 207 POOR 207 PO Man Direct Apres of the Poor Poor Poor Po

COMMONWEALTH OF MASSACHUSETTS THE TRIAL COURT PROBATE AND FAMILY COURT DOCKET NO. DUBSPOTIALEA ESTATE OF: ALFRED L. CUMMINGS DATE OF DEATH: 05/28/1986

CITATION ON PETITION FOR FORMAL ADJUDICATION

A Petition for S/A - Formal Pobate of Will with Appointment of Personal Representat-ive has been filed by Raymond I. Stockwell, Jr. of Jamaica Plain, MA

MA requesting that the Court enter a formal Decree and Order and for such other relief as requested in the Petition. The Petitioner requests that: Raymond I. Stockwell, Jr. of Jamaica Plain, MA

MA'
be appointed as Personal
Representative(s) of said estate to serve
Without Surety on the bond in unsupervised administration.

IMPORTANT NOTICE
You have the right to obtain a copy of the Petition from the Petitioner or at the Court. You have a right to object to this proceeding. To do so, you or your attorney must file a written appearance and objection at this Court before: 10:00 a.m. on the return day of 04/13/2021.

This is NOT a hearing date, but a deadline by which you must file a written appear-ance and objection if you object to this pro-ceeding. If you fail to file a timely written ap-pearance and objection followed by an affi-davit of objections within thirty (30) days of the return day, action may be taken without further notice to you.

turner notice to you.

UNSUPERIVISED ADMINISTRATION
UNDER THE MASSACHUSETTS
UNIFORM PROBATE CODE (MUPC)
A Personal Representative appointed unitation is not required to file an inventory or annual accounts with the Court Personal required to file an inventory or annual accounts with the Court Personal regarding the administration in directly from the Personal Representative and may petition the Court in any matter leafing to the end expenses of administration of assets and expenses of administration of

WITNESS, Hon. Susan L. Jacobs, First Justice of this Court. Date: March 25, 2021 Daphne DeVries Register of Probate Dukes Courty Probate and Family Court PO Box 237 81 Main Street 81 Main Street Edgartown, MA 02539 (508)627-4703 apr 2 1 1

ment, are likely to present development issues significant to more than one municipality on the Island of Martha's Vineyard, and therefore are considered to potentially be Developments of Regional Impact (DRIs). Date & Time: Thursday, April 8, 2021 at 7.05PM
Place: Online – Zoom

Online – Zoom Meeting ID: 848 6239 2712 Password: 018561

The revised checklist corrects omissions and inconsistencies in Version 14 affecting

GENERAL LEGAL NOTICES

the definition of "Demolition" and sections 3.4.e, 8.1, and 8.1.a and is available for public inspection on the MVC homepage: (https://www.mvcommission.org). Electronic and paper copies can be made available

interest in the control of the contr

COMMONWEALTH OF MASSACHUSETTS LAND COURT DEPARTMENT OF THE TRIAL COURT DUKES, SS. CASE NO. 20 MISC 000500(MDV)

CLAIRE M. O'CONNELL VS. WILLIAM WING, ET AL

TO: Emily Priscilla Wing Frankovich, now or formerly of Los Angeles in the state of California or her heirs, devisees, or legal

TO: Emily Priscilla Wing Frankovich, now or formerly of Los Angeles in the state of California or her heirs, devisees, or legal agreementatives of the committee of the committe

May. Witness, Gordon H. Piper, Chief Justice of the Land Court, the twenty-ninth day of March, 2021.

A True Copy Attest Deborah J.Patterson Recorder apr2,1-t

PUBLIC HEARING
MARTHA'S VINEYARD COMMISSION
DATE: THURSDAY A, APRIL 8, 2021 AT
TOTAL 100 MINE - 200M
PLACE: "OWNER - 200M
Check for updates on the website calendar:
www.mvcommission.org/calendar
The public is invited to a public hearing
concerning the following Development of
Regional Impact (DRI #699) Tisbury
Applicant: Raiph Packer, Tisbury Marine
Terminal, LLC
Location: 190 Beach Road, Tisbury, Map
J, Lot A-1

10, Lot A-1
Proposal: Repairs and alterations to ex-isting marine infrastructure, and construc-tion of an operations and maintenance facil-ity for offshore wind support.
Date & Time: Thursday, April 8, 2021 at 7:05FM

Online – Zoom Meeting ID: 848 6239 2712 Password: 018561

Meeting ID: 848 6239 2712
Password: 018501
The application and plans are available for public inspection on the MVC website: https://www.mvcommission.org/dri/summary/893156802
summary/893156802
in great the summary of the summar

Using a telephone: Dial (646) 558-8656 and ente Meeting ID: 848 6239 2712 and Password: 018561 mar26,apr2,2-t

GENERAL LEGAL NOTICES

COMMONWEALTH OF MASSACHUSETTS THE TRIAL COURT PROBATE AND FAMILY COURT DOCKET NO. DU21P042EA ESTATE OF:
NELSON J. DEBETTENCOURT ALSO KNOWN AS:
NELSON J. DEBETTHOCURT, JR. DATE OF DEATH: 10/29/2020

To all interested persons:

A Petition for Formal Appointment of Per-sonal Representative has been filed by Sandra deBettencourt of Oak Bluffs, MA and Melanie Marchand of Oak Bluffs, MA

Sandra deBettencourt or van circine, mand and Melanie Marchand of Oak Bluffs, MA be appointed as Personal Representative(s) of said estate to serve Without Surety on the bond in unsupervised administration.

Need administration.

IMPORTANT NOTICE
You have the right to obtain a copy of the Petition from the Petitioner or at the Court. You have coeeding. To do so, you or your attended to the coeeding. To do so, you or your attended to the coeeding. To do so, you or your attended to the coeeding. To do so, you or your attended to the coeeding. To do so, you or your attended to the coeeding. To do so, you or your attended to the coeeding. To do so, you or your attended to the coeeding. To do so, you or you or

This is NOT a hearing date, but a deadline by which you must file a written appear ance and objection if you object to this proceeding. If you fail to file a timely written appearance and objection followed by an affidavi

UNSUPERVISED ADMINISTRATION UNDER THE MASSACHUSETTS UNDER THE MASSACHUSETTS CHARGE AND A CONTROL OF THE MASSACHUSETTS CHARGE AND A CONTROL OF THE MASSACHUSET AND A CONTROL OF THE MASSACHUSET AND A CONTROL OF THE MASSACHUSE AND A CONTROL OF THE MASSACHUSE

WITNESS, Hon. Susan L. Jacobs, First Justice of this Court Date: March 24, 2021 Daphne De Vries Register of Probate Dukes County Probate and Family Court PO Box 237 81 Main Street Octob 81 Main Street Edgartown, MA 02539 (508)627-4703 apr2,1-t

COMMONWEALTH OF MASSACHUSETTS THE TRIAL COURT PROBATE AND FAMILY COURT DEPARTMENT DOCKET NO. DU21P0039PO

TRUST CITATION

IN THE MATTER OF: THOMAS J. RABBITT, JR. LIVING TRUST

To all interested persons:

Paul Rabbitt of Brookfield, CT requesting that Marshall R. Cook be re-moved as Trustee and that Paul Rabbitt be appointed Successor Trustee.

You have the right to obtain a copy of the Petition from the Petitioner or at the Court You have a right to object to this proceeding. To do so, you or your attorney must file a written appearance and objection at this Court before 10:00 a.m. on 04/27/2021.

This is NOT a hearing date, but a deadline by which you must file a written appearance and objection if you object to this proceeding. If you fail to file a timely written appearance and objection followed by an Affidavi of Objections within thirty (30 days of the return date, action may be taken without further notice to you.

Witness, Hon. Susan L. Jacobs, First Justice of this Court. Date: March 22, 2021 Daphne DeVises Register of Probate Dutes County Probate and Family Court PO Box 237 81 Main Street 81 Main Street Edgartown, MA 02539 (508)627-4703



MARTHA'S VINEYARD AIRPORT COMMISSION REQUEST FOR PROPOSAL DISPOSITION OF REAL ROPERTY, VIA PROPOSAL DISPOSITION OF REAL ROPERTY KNOWN AS THE HANGAR ROAD NORTH.

TO SHARM ROAD NORTH WAS THE W

GENERAL LEGAL NOTICES

MVY_AIRPORT MARTHA'S VINEYARD

MARTHA'S VINEYARD
REQUEST FOR PROPOSAL FOR
MARTHA'S VINEYARD AIRPORT
AIRPEID PAYMENT PROJECT
MY 2021-04 AIRPORT PAYEMENT
TON MARTHA'S VINEYARD AIRPORT
TON MARTHA'S
AIRPORT PAYEMENT
TON MARTHA'S
AIRPORT
TON MARTHA'S
TON MARTHA

all materials, labor and related incidentals. Detailed Contract Documents, Proposal Specifications, and a Pavement Marking Plan may be obtained at the Airport Ad-ministration office of the Martha's Vina-yard Airport, 71 Airport Road, West Tis-bury, MA 02575, on our website www.mysalport.com, through the Mic-portal.mjinc.com/index. Under the Project Name: "Martha's Vineyard Air-port Airfield Pavement Marking — MJ Project Numer 18256.27, or through current platform: https://www.com/bso/viewilo-gin/login.xhtml

A Pre-Bid Conference will be held virtually via Zoom at the following link: https://wis02web.zoom.us//85368799482 on Tuesday, April 6th, 2021 at 1:00PM Please notify Rich Lasdin at rlasdin@mjinc.com at least one day prior to the meeting if you plan to attend.

Bid Proposals must be submitted in a SEALED envelope, clearly marked, and Delivered to Martha's Vineyard Airport, Administration Office, 71 Airport Road, West Tisbury MA 02575 before 12:09PM (EDST), April 16, 2021. Public Opening via Zoom at the following link: https://usoZweb.zoom.us/j/89863338986.

Martha's Vineyard Airport Commission re-serves the right to waive any informalities or reject any or all submissions, or to accept any other bid than the lowest bidder, should it be deemed to be in the best interest of

TISBURY CREAT POND SITE THE YEAR EVILEN MOTICE THE YEAR EVILEN MOTIFICATION

In account of the control of the c

The Tisbury Great Pond MRS Site is located in West Tisbury, Dukes County, Martha's Vineyard, Massachusetts Past militar months a saining activities account and the saining activities of the months of the saining activities of the months of the months of the saining activities of the months of the saining activities of the sainin gency responses. Munitions and expressives of concern (MEC) were found during the Remedial Investigation.

The Remedial Investigation included a finding that the Tisbury Great Pond MRS is a category it hazard level, indicating a MEC source or explosive hazard is possible at the MRS. The Remedial Action activities were conducted in 2017 through 2021 to reduce the risk of encountering MEC to support unlimited use and unrestricted exposure for the MRS.

Additional information and reports can be found at the USACE website address: https://www.nae.usace.army.mil/Missions/Projects-Topics/Marthas-Vineyard-RIFS/

The community can contribute during the FVR process by making themselves available for interviews with USACE to provide input on remedy prolectiveness. The color Manager, Carol Ann Charette is: U.S. Army Corps of Engineers, New England District 486 Virginia Rost 1874 (2751, 1079)318-8605 (officio) or (1978)505-2918 (mobile carol a charette@usace.army.mil

The scheduled completion date of the first FYR is July 2021. The community will review notification from USACE of the completion of the FYR, including the protectiveness statement, a brief summary of the data and information that provided the basis for determining protectiveness, recommendations, and follow-up activities, locations of the FYR report, contact information where community members can obtain where community members can obtain expect, and the date of the next FYR. apr2.1 and the date of the next FYR.

In preparation for the construction of a new atfordable housing duplex at the site of 16 Old Courthouse Road, West Tisbury, the 16 Charles of the Charles and the Charles of the Charles o

mar12,19,26,apr2,4-t

Community Interview Questionnaire Sheets (Answers received via Email 9 September, 2020)

Name: Samuel A. Hart, The Trustees of Reservation, Islands Director

Note: Based on his position and responsibilities, this interview addressed all three MMRP sites on Martha's Vineyard: South Beach, Cape Poge, and Tisbury

Telephone (H):	(508) 693-5966	Work (W):	
refeblione (11).	(300) 023-3200	WUIK (W).	

- 1. FUDS Long Term Management (signage and educational awareness) is in effect at the three MMRP sites: South Beach, Cape Poge, and Tisbury Munitions Response Sites. Have you heard about this project? If so, what is your overall impression of the project?
 - A: I have heard about this project. Most people in the community have. My impression is that cleaning up after oneself is a good thing and that cleaning the land of as much military waste as possible is in the best interests of everyone from both an ecological and recreational perspective. Other island communities where the US military has operated share similar perspectives. Kudos to the government for continuing a proactive approach and I hope they can keep up these important efforts.
- 2. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details
 - **A**: I am. Most people are concerned with the contamination of our groundwater from UXO and other instruments of war left over from WWII. The project has done a fairly good job keeping the community and visitors informed but the key is removal and protection of these ecologically sensitive areas.
- 3. Do you feel well informed about the site's activities and progress?
 - **A**: I do but I can't speak for everyone. We just found another bomb in the dunes at Cape Poge two weeks ago so we know that they are still out there. How many more are still out there? What are the long term effects to marine life and drinking water?
- 4. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing LTM at the Former South Beach FUDS? If you have, were they responsive to your concerns or questions?
 - **A**: I have not but have no reason to believe they wouldn't be helpful.
- 5. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?
 - A: How does this project influence the thinking around cleaning up Nomans Land island? Have there been lessons learned that will help the town of Chilmark decide what to do next? Leaving Nomans Land Island a nature preserve is in everyone's interest but will leaving the UXO and other materials there threaten groundwater and cause greater harm in the long run?

Community Interview Questionnaire Sheets (8-07-2020 interview by ERT)

Name: Adam Moore (Executive Director of Sheriff's Meadow Foundation, and Resident) Note: Based on his position and responsibilities, this interview addressed all three MMRP sites on Martha's Vineyard: South Beach, Cape Poge, and Tisbury)

Telephone (H):	508-693-5207	Work (W):
1 (/		

- 1. FUDS Long Term Management (signage and educational awareness) is in effect at the three MMRP sites: South Beach, Cape Poge, and Tisbury Munitions Response Sites. Have you heard about this project? If so, what is your overall impression of the project?
 - A: Mr. Moore is generally aware of USACE's activity at Martha's Vineyard but did not specifically know individual MRS designations. He says his overall impression of the project is "generally positive." He was not specifically aware of the signage as he does not go to the beach area much.
- 2. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details
 - A: Mr. Moore did not know of any community concerns. He says there have been community concerns in the past about the expense of the cleanup activities and the necessity for it. He mentioned an issue of property rights, regarding the ability to cross different properties, noting that South Beach is different because it is all one unified ownership. On other parts of the beach folks are crossing different property lines." When further asked if this was related to USACE activities and rights of entry, he said, "No, but it is just an issue."
- 3. Do you feel well informed about the site's activities and progress?
 - A: He said he has not been specifically informed about site progress.
- 4. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing LTM at the Former South Beach FUDS? If you have, were they responsive to your concerns or questions?
 - **A**: He said he has not spoken with anyone.
- 5. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?
 - **A**: No.

Community Interview Questionnaire Sheets

Name: F	Kent Healy,	"The Town	Sewers (local	nickname)"	one of three	officials ele	cted by
Riparian	Owners A	ssociation					
Date of i	nterview: 2	9 Sept. 2020					

Telephone (H): <u>508-693-6736</u>	Work (W):
------------------------------------	-----------

- 1. FUDS Long Term Management (signage and educational awareness) is in effect at the Tisbury Great Pond Munitions Response Site. Have you heard about this project? If so, what is your overall impression of the project?
 - A: Yes. Mr. Healy has walked the beach for around 70 years. He does not think the project was necessary, because due to erosion the location of the beach at the time of WWII was about 50 or 100 feet south of its current location, and so the Army Corps has been "digging in the wrong place." Mr. Healy is a civil engineer trained in geo-technology.
- Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details
 A: No.
- 3. Do you feel well informed about the site's activities and progress?
 - A: Yes, but he has not personally seen the signs.
- 4. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing LTM at the Tisbury Great Pond Munitions Response Site? If you have, were they responsive to your concerns or questions?
 - **A**: Mr. Healy knows Carol Charette (USACE PM), and has a good relationship with her. He said "she knows what she's doing." He said "she has kept us busy trying to accommodate them with their digging."
- 5. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?
 - A: "I wish the Corps of Engineers would get through with it, so that the riparian owners can get back to taking care of the pond, and doing what's in the best interest of the pond."

Community Interview Questionnaire Sheets

Name:	Lawrence	Miller,	President,	Quansoo	Beach	Association
Date of i	interview:	30 Sep	tember 202	20		

Telephone (H): 617 645 4982	Work (W):
1	

- 1. FUDS Long Term Management (signage and educational awareness) is in effect at the Tisbury Great Pond Munitions Response Site. Have you heard about this project? If so, what is your overall impression of the project?
 - A: Yes, he has heard of the project, but only what he has read in the newspapers. It appears to be successful and appears to be complete.
- 2. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details
 - **A**: Not really there was some uncertainty that the project was complete.
- 3. Do you feel well informed about the site's activities and progress?
 - **A**: Reasonably so from newspapers.
- 4. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing LTM at the Tisbury Great Pond Munitions Response Site? If you have, were they responsive to your concerns or questions?
 - **A**: No, he has not spoken with anyone.
- 5. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?
 - A: Not at this point. It appears that the dune grass has been replanted.

Community Interview Questionnaire Sheets (Telephone Interview 14 April, 2021)

Name: Joseph Tierney, Inspector of Buildings, Town of West Tisbuy

1 (1	cphone (11).	(300)	070-0115) AIO I	· · <i>)</i> · <u> </u>							
1	ELIDOL	TD				1	1	. •	1		cc	 .4

- 1. FUDS Long Term Management (signage and educational awareness) is in effect at the Tisbury Munitions Response Sites. Have you heard about this project? If so, what is your overall impression of the project?
 - **A**: He knew about the project. His impression was that it was under control in terms of responsible parties doing what needed to be done.
- 2. Are you aware of any community concerns regarding the site or its operation and administration? If so, please give details
 - **A**: He was not aware of any particular concerns.
- 3. Do you feel well informed about the site's activities and progress?
 - **A**: Yes, he felt well informed.

Telephone (H). (508) 696-0113 Work (W).

- 4. Have you talked with any Army Corps of Engineers, state, or environmental officials about the ongoing LTM at the Former South Beach FUDS? If you have, were they responsive to your concerns or questions?
 - **A**: He noted he had not talked to anyone specifically from the Army Corps.
- 5. Do you have any comments, suggestions, or recommendations regarding the site's management or operation?
 - **A**: He did not have anything more to add.?
- 6. Do you have direct involvement with intrusive activities based on your job position?
 - **A**: Yes, as Inspector of Buildings he is responsible for those seeking permits for intrusive work. He researched the area that ERT had provided ahead of the interview and determined that there were no applicable permits involving intrusive work associated with his department.

Appendix B-2 Five-Year Review Site Inspection Checklist

[This page intentionally left blank.]

Five-Year Review Site Inspection Checklist

Purpose of the Checklist

The site inspection checklist provides a useful method for collecting important information during the site inspection portion of the five-year review. The checklist serves as a reminder of what information should to be gathered and provides the means of checking off information obtained and reviewed, or information not available or applicable. The checklist is divided into sections as follows:

- I. Site Information
- II. Interviews
- III. On-site Documents & Records Verified
- IV. O&M Costs
- V. Access and Institutional Controls
- VI. General Site Conditions
- VII. Landfill Covers (not applicable to this project)
- VIII. Vertical Barrier Walls (not applicable to this project)
- IX. Groundwater/Surface Water Remedies (not applicable to this project)
- X. Other Remedies (not applicable to this project)
- XI. Overall Observations

This checklist was developed by EPA and the U.S. Army Corps of Engineers (USACE). It focuses on the two most common types of remedies that are subject to five-year reviews: landfill covers, and groundwater pump and treat remedies. Sections of the checklist are also provided for some other remedies. The sections on general site conditions would be applicable to a wider variety of remedies. The checklist should be modified to suit your needs when inspecting other types of remedies, as appropriate.

In accordance with the above, this checklist has been modified to reflect the current LUCs at the Tisbury Great Pond MRS.

Please note that "O&M" is referred to throughout this checklist. At sites where Long-Term Response Actions are in progress, O&M activities may be referred to as "system operations" since these sites are not considered to be in the O&M phase while being remediated under the Superfund program.

Five-Year Review Site Inspection Checklist (Template)

"N/A" refers to "not applicable.")

I. SITE INFORMATION					
Site name: Tisbury Great Pond MRS and the Remaining Land and Water MRS	Date of inspection: 9 October 2020				
Location and Region: Martha's Vineyard, Mass.	EPA ID:				
Agency, office, or company leading the five-year review: ERT, Inc., for USACE	Weather/temperature: 60s to 70s F, clear, windy				
□ Access controls □ C	Monitored natural attenuation Groundwater containment Vertical barrier walls				
Attachments: Inspection team roster attached	☐ Site map attached				
II. INTERVIEWS (Check all that apply) SEPARATELY PRESENTED BEFORE CHECKLIST					

	III. ON-SITE DOCUMENTS & RECORDS VERIFIED (Check all that apply)							
1.		ngs ogs	□ Readily availab □ Readily availab □ Readily availab ontrol and Long-Term Ma E 2019).	le □ Up to date le □ Up to date	■ N/A ■ N/A ■ N/A mentation Plan for			
2.	□ Contingency p	alth and Safety Pla lan/emergency respo		ailable □ Up to date	□ N/A ■ N/A			
3.		A Training Record	•	le □ Up to date	■ N/A			
4.	☐ Air discharge p☐ Effluent discha☐ Waste disposal☐ Other permits_	arge I, POTW	□ Readily availab □ Readily availab □ Readily availab □ Readily availab	le \Box Up to date le \Box Up to date le \Box Up to date	■ N/A ■ N/A ■ N/A ■ N/A			
1.	O&M Organiza □ State in-house □ PRP in-house □ Federal Facility □ Other: Signs of	y in-house	Contractor for State Contractor for PRP Contractor for Federal Fand maintained by ERT, In	•				
2.	□ Other: Signs currently inspected and maintained by ERT, Inc. for USACE. O&M Cost Records □ Readily available □ Up to date ■ Funding mechanism/agreement in place (ERT contracted by USACE) Original O&M cost estimate □ □ Breakdown attached Total annual cost by year for review period if available							
	From Date From Date	To Date To Date	Total cost Total cost	☐ Breakdown attached ☐ Breakdown attached ☐ Death I are the left				
	From Date From Date	To	Total cost Total cost	☐ Breakdown attached ☐ Breakdown attached				
	FromDate	_To Date	Total cost	□ Breakdown attached				

3.	Unanticipated or Unusually High O&M Costs During Review Period Describe costs and reasons: _None.
	V. ACCESS AND INSTITUTIONAL CONTROLS □ Applicable □ N/A
A.	Fencing
1.	Fencing damaged ☐ Location shown on site map ☐ Gates secured ■ N/A Remarks ☐ Gates secured ■ N/A
В.	Other Access Restrictions
1.	Signs and other security measures ☐ Location shown on site map N/A Remarks: The Tisbury Great Pond MRS property is mostly owned by the Trustees of Reservation, but there are also private land owners.
C.	Institutional Controls (ICs)
1.	Implementation and enforcement Site conditions imply ICs not properly implemented Site conditions imply ICs not being fully enforced □ Yes ■ No □ N/A Type of monitoring (e.g., self-reporting, drive by): In-person inspection. Frequency: Annual Responsible party/agency: ERT under contract to USACE Contact: Carol Charette, USACE Project Manager . Reporting is up-to-date Reports are verified by the lead agency ■ Yes □ No □ N/A Specific requirements in deed or decision documents have been met Violations have been reported □ Yes □ No □ N/A Other problems or suggestions: □ Report attached (see Appendix D Annual LTM Report) None.
2.	Adequacy ■ ICs are adequate □ ICs are inadequate □ N/A Remarks: LUCs are in place and functioning as intended. □ N/A
D.	General
1.	Vandalism/trespassing □ Location shown on site map Remarks: ■ No vandalism evident
2.	Land use changes on site ■ N/A Remarks

3.	Land use changes off s Remarks	site ■ N/A					
	VI. GENERAL SITE CONDITIONS						
A.]	Roads Applicable	\square N/A					
1.	Roads damaged Remarks:	□ Location shown on site map ■ Roads adequate□					
В. (Other Site Conditions						
	Remarks: Erosion alon not replaced in this loca	ng Western Beach impacted the sign that had previously been there; the sign was tion.					
	VI	II. LANDFILL COVERS □ Applicable ■ N/A					
	VIII. VI	ERTICAL BARRIER WALLS □ Applicable ■ N/A					
	IV CDOUNDWA	TED/CUDEACE WATER REMEDIES					
	IX. GROUNDWA	ATER/SURFACE WATER REMEDIES □ Applicable ■ N/A					
		X. OTHER REMEDIES ■ N/A					
		tied at the site which are not covered above, attach an inspection sheet describing andition of any facility associated with the remedy. An example would be soil					
		XI. OVERALL OBSERVATIONS					
Α.	Implementation of the	Remedy					
		dervations relating to whether the remedy is effective and functioning as designed. The ment of what the remedy is to accomplish (i.e., to contain contaminant plume, d gas emission, etc.).					
	MRS. In accordance w	remedy is to protect people from encountering MEC at the Tisbury Great Pond ith the DD, the LUCs are intended to manage exposure hazards to the public ss. The signs are placed at appropriate locations.					
В.	Adequacy of O&M						
	- ·						

Describe issues and observations related to the implementation and scope of O&M procedures. In particular, discuss their relationship to the current and long-term protectiveness of the remedy:

The LUCs are intended to manage exposure hazards to the public through public awareness. There have been no reported munition items found here and no injuries have been reported. System operations involves visual inspection and maintenance of the existing signage and an evaluation of current site conditions (as documented in the Appendix D 2020 LTM Report).

C. Early Indicators of Potential Remedy Problems

Describe issues and observations such as unexpected changes in the cost or scope of O&M or a high frequency of unscheduled repairs that suggest that the protectiveness of the remedy may be compromised in the future:

There are erosion issues in the dynamic seashore environment of Western Beach and that sign had been impacted previously. However, the remainder of the signs are in good condition from year to year. Currently, annual inspection of the signs is adequate to ensure any impacted sign will be repaired/replaced as soon as practical.

D. Opportunities for Optimization

Describe possible opportunities for optimization in monitoring tasks or the operation of the remedy:

Annual inspection of the signs is adequate to ensure any impacted sign will be repaired/replaced as soon as practical.

APPENDIX C – EOD REPORTS

Summary of Emergency Response Calls

Just west of Tisbury FUDS boundary-no coordinates provided M 122 Flash Bomb 21-Jun-17 Mass State Bomb Squad requested assistance from EODMU12 Detail Newport. Item was disposed on site. No EOD report provided. This item was found during the execution of the remedial action work. MassDEP called EOD since the delivery of demolition explosives to the USACE contractor was going to take a few days.	Location	Ordnance Description	Date	Response Action - Disposition	COMMENTS
	Tisbury FUDS boundary-no coordinates		21-Jun-17	requested assistance from EODMU12 Detail Newport.	This item was found during the execution of the remedial action work. MassDEP called EOD since the delivery of demolition explosives to the USACE contractor was

NOTE:

Local Police/Fire Departments as well as the MA State police Bomb Squad and Navy EOD, were contacted regarding munition finds. No reports in addition to the one described below were obtained.

USACE continues to attempt to obtain all EOD reports for all projects currently undergoing land use controls. Unfortunately obtaining complete reports or any report at all has been an ongoing challenge as EOD reports are not produced for all EOD responses. Reports that are provided are usually inadequate as well. Most do not provide specific information such as the site/project name and/or grid coordinate location of the munition response. Many are labeled as "found on Martha's Vineyard", which can be anywhere on the island and not particularly related to our project and not within or near our project footprint. USACE requests and the challenge of obtaining all reports with complete information has been elevated up the USACE chain of command; if and when these EOD reports are obtained, they will be provided.