

**First Five-Year Review**  
**Military Munitions Response Program**  
**Buckroe Beach**  
**Formerly Used Defense Site (Property No. C03VA1011)**  
**Hampton, Virginia**  
**FINAL**  
July 2020



Prepared by  
US Army Corps of Engineers  
North Atlantic Division, Baltimore District  
Environmental and Munitions Design Center



**FINAL**  
**FIRST FIVE-YEAR REVIEW**  
**FORMERLY USED DEFENSE SITE: BUCKROE BEACH**  
**MILITARY MUNITIONS RESPONSE PROGRAM (PROPERTY NO. C03VA1011)**  
**HAMPTON, VIRGINIA**

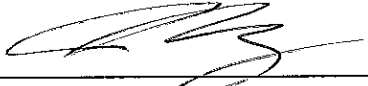
**JULY 2020**

**Prepared for:**  
**U. S. Army Corps of Engineers**  
**North Atlantic Division, Baltimore District**

Prepared by:  
  
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Approved by:

Date:

  
\_\_\_\_\_  
Colonel John Litz  
Colonel, U.S. Army  
Commander and District Engineer

07 Aug 20

**FIRST FIVE-YEAR REVIEW, DRAFT  
MILITARY MUNITIONS RESPONSE PROGRAM  
BUCKROE BEACH  
FORMERLY USED DEFENSE SITE (PROPERTY No. C03VA1011)  
HAMPTON, VIRGINIA**

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## LIST OF ACRONYMS AND ABBREVIATIONS

ARAR	Applicable or Relevant and Appropriate Requirement
AFB	Air Force Base
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
DD	Decision Document
DERP	Defense Environmental Restoration Program
DGM	Digital Geophysical Mapping
DMM	Discarded Military Munitions
EOD	Explosive Ordnance Disposal
EPA	U.S. Environmental Protection Agency
FFS	Focused Feasibility Study
FUDS	Formerly Used Defense Sites
FYR	Five-Year Review
IC	Institutional Controls
LUCs	Land Use Controls
LUCIP	Land Use Control Implementation Plan
MC	Munitions Constituent
MD	Munitions Debris
MEC	Munitions and Explosives of Concern
MMRP	Military Munitions Response Program
MPPEH	Material Potentially Presenting an Explosive Hazard
MRS	Munitions Response Site
NAB	U.S. Army Corps of Engineers, Baltimore District
NAD	U.S. Army Corps of Engineers, North Atlantic Division
NCP	National Contingency Plan
PDT	Product Delivery Team
RAO	Remedial Action Objectives
RI	Remedial Investigation
SVOC	Semivolatile Organic Compounds
TBCs	To Be Considereds
TCRA	Time Critical Removal Action
USACE	U.S. Army Corps of Engineers
UU/UE	Unlimited Use/ Unrestricted Exposure
UXO	Unexploded Ordnance
VADEQ	Virginia Department of Environmental Quality

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**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 the remedy is and will continue to be protective of human health and the environment. The methods, findings, and conclusions of reviews are documented in FYR reports, such as this one. In addition, FYR reports identify issues found during the review, if any, and document recommendations to address them.

The United States Army Corps of Engineers, Baltimore District (NAB) is preparing this FYR, pursuant to the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) Section 121, consistent with the National Oil and Hazardous Substances Pollution Contingency Plan (NCP) [40 Code of Federal Regulations (CFR) Section 300.430(f)(4)(ii)], and considering United States Environmental Protection Agency (EPA), Department of Defense (DOD) and Formerly Used Defense Sites (FUDS) policy.

This is the first FYR for Buckroe Beach FUDS site (the Site). The Site is listed in FUDS as Property No. C03VA1011 and in the Military Munitions Response Program (MMRP) as Munitions Response Site (MRS) C03VA101101. The Site is located at Hampton, Virginia (Figure 1). The triggering action for this statutory review is the signature date of the Decision Document (DD) (USACE, 2015) on October 23, 2015. This FYR has been prepared due to the fact that hazardous substances, pollutants, or contaminants remain at the Site above levels that allow for unlimited use and unrestricted exposure (UU/UE).

NAB is the lead Agency for this FYR and is conducting it. The Buckroe Beach FYR project delivery team (PDT) members included Mona Ponnappalli (engineering) and Cliff Opdyke (risk assessment). The Virginia Department of Environmental Quality (VADEQ) is the lead regulatory agency. The review began on August 7, 2019.

**1.1 Site Background**

The Site is located on the western shore of the Chesapeake Bay approximately 3 miles north from the mouth of the James River and Fort Monroe (Figure 2). The geographic coordinates for the Site are latitude 37° 2' 20" and longitude 76° 17' 30". The Site is a public beachfront consisting of approximately 0.75 mile of flat, sandy beach, from Pilot Avenue in the north, to the

Buckroe Beach fishing pier (also known as the James T. Wilson Fishing Pier), in the south. The approximate size is 26 acres (USACE, October 2015).

The Site is backed by a concrete "boardwalk" and seawall, the landward side of which is bordered by Buckroe Beach Park (to the south) and private housing (to the north). Along the beach there are eight stone groins, a breakwater, the James T. Wilson Fishing Pier and a second, abandoned pier approximately 500 feet north of the fishing pier. The Site is located within the downtown section of the City of Hampton, Virginia, an independent city of the Commonwealth of Virginia. The majority of the land use within the City of Hampton is residential; however the city center is mostly commercial businesses (USACE, October 2015).

The current and anticipated future use of Buckroe Beach is public recreational. The City of Hampton owns the beach and has designated it for permanent recreational use in its zoning and its land use plan (Figure 2). Small short-term construction work may also occur to preserve the beach (e.g. erosion control jetties), or enhance recreational use (e.g., piers, small buildings). No surface water is available or suitable for drinking; potable water is available nearby. No groundwater receptors are known for Buckroe Beach. The City of Hampton is supplied with potable water by the Newport News Waterworks, which obtains it primarily from surface water sources. All users at Buckroe Beach are assumed to be supplied by City of Hampton water (Hampton Roads Planning District Commission, 2011).

In July and August 1990, the City of Hampton, Virginia, conducted a beach replenishment project at Buckroe Beach, after which approximately 55 MEC items were recovered (USACE, October 2015). The sand material was dredged from the borrow area at the bottom of Chesapeake Bay approximately 2 miles offshore to a depth of 8 feet. The available range fan charts were checked and it appeared the borrow area was outside the impact area of nearby Fort Monroe, located just south of Buckroe Beach. There was no screening for Munitions and Explosives of Concern (MEC) during the dredging project. Material Potentially Presenting an Explosive Hazard (MPPEH) found on the beach were reported to the local Explosive Ordnance Disposal (EOD) unit. Figure 3 shows the locations where MEC was recovered.

Initially, the EOD response to MPPEH that had been found was coordinated directly between the Hampton Fire Department in Buckroe Beach and Langley Air Force Base (AFB) EOD. Other City offices or USACE were not notified of the potential MEC finds (USACE, 2015). By November 1990, USACE, North Atlantic Division (NAD) determined that Buckroe Beach was eligible under Defense Environmental Restoration Program-Formerly Used Defense Sites (DERP-FUDS) based on the military origin of the MEC.

In 1996, the City of Hampton conducted a second beach replenishment project, after which further MPPEH items were recovered (USACE, October 2015). There was no Federal funding involved in the 1990 or 1996 replenishment efforts (USACE, October 2015). USACE-Huntsville was charged to determine if further action was warranted (USACE, October 2015).

Table 1 Five-Year Review Summary Form

<b>Five-Year Review Summary Form</b>		
<b>SITE IDENTIFICATION</b>		
<b>Site Name:</b> Buckroe Beach		
<b>Formerly Used Defense Site (FUDS) Project Number:</b> C03VA1011		
<b>Region:</b> 3	<b>State:</b> VA	<b>City/County:</b> Hampton
<b>SITE STATUS</b>		
<b>National Priority List (NPL) Status:</b> Non-NPL		
<b>Multiple OUs?</b> No	<b>Has the Site achieved construction completion?</b> Yes	
<b>REVIEW STATUS</b>		
<b>Lead agency:</b> Other Federal Agency <b>If "Other Federal Agency" was selected, enter Agency name:</b> U. S. Army Corps of Engineers (USACE), Baltimore District (NAB)		
<b>Author name (Federal or State Project Manager):</b> Brent Graybill		
<b>Author affiliation:</b> USACE, Baltimore District		
<b>Review period:</b> August 12, 2019 - October 23, 2020		
<b>Date of Site inspection:</b> September 11, 2019		
<b>Type of review:</b> Statutory		
<b>Review number:</b> 1		
<b>Triggering action date:</b> October 23, 2015		
<b>Due date (five years after triggering action date):</b> October 23, 2020		



## **2.0 RESPONSE ACTION SUMMARY**

### **2.1 Basis for Taking Action**

MEC items such as 75-mm MK-1 shrapnel projectiles, 76-mm projectiles, 40-mm practice projectiles and projectile fuzes have been found at the Site. There are two potentials in a hazards assessment for MEC: consequence and human interaction. The consequence potential involves the severity and sensitivity of munitions and the behavior of the people interacting with those munitions. The consequence potential was deemed low overall due to the lack of munitions items found that were sensitive (i.e., unexploded ordnance: UXO) or severe (USACE, October 2015).

The human interaction potential involved the type of sources for munitions as well as interaction and access potential. The human interaction potential was high due to the fact that the Site is a public access beach with many visitors daily during the summer season. Overall, a finding of low safety risk was found due to a combination of each of the primary hazard factors that are presented above. Even though there is a high potential pathway, the six past removal actions (between 1990 and 2004), in combination with the low consequence potential, combine to give a finding of low overall safety hazard (USACE, October 2015).

However, there remains the possibility of MEC in the near shore areas that may potentially move to the surface as a result of erosion or migration, especially during storm events. The risk to encounter MEC in this scenario is low, but poses an unacceptable risk (USACE, October 2015).

### **2.2 Response Actions**

Since the first beach replenishment in 1990, MPPEH continued to be found on the beach several times a year, especially after storm events. The MPPEH often consisted of expended 76-mm munitions debris (MD). Between 1990 and 1994, USACE-Huntsville conducted an initial removal action of MEC on the beach, and subsequent yearly sweeps of the beach until MEC was no longer being recovered. The removal effort by USACE-Huntsville detected and removed MEC items to a depth of 24 inches, covering the dry beach, the intertidal zone between the mean high and low tide water, to knee deep water at low tide (UXB, 1990; EHS, 1991; UXB, 1992; UXB, 1993).

In May 2003, NAB conducted a Time Critical Removal Action (TCRA) that discovered and disposed of 11 MD items with a handheld magnetometer survey on as much of the dry beach as

possible, concentrating on the areas heavily used by the public. Seven of these MD were 75-mm MK-1 shrapnel projectiles; two were 40-mm practice projectiles and two were projectile fuzes. All of the MD items were located in the subsurface depth of greater than 12 inches below ground surface.

NAB conducted a second TCRA at the Site in 2004. A total of 579 anomalies identified by the Digital Geophysical Mapping (DGM) and mag-and-dig surveys were excavated (Weston, 2004). Of these 579 excavations, eight 75-mm and 76-mm MPPEH items were identified as inert filled or expended shrapnel rounds.

The response area included the stretch of Buckroe Beach affected by past replenishment efforts, that is, from Pilot Avenue in the north to the Buckroe Beach fishing pier in the south (i.e., the Buckroe Beach MRS), from the dry beach extending out to the Mean Low Tide level, to a depth of 18 inches below ground surface. During the TCRA, no confirmed live MEC items were found (USACE, October 2015). All known munitions were removed during the TCRA's in 2003 to 2004 (USACE, October 2015).

### **2.3 Remedial Action Objective**

The goal of the Site's remedial action is to reduce explosives safety risk to ensure protection of human health, public safety, and the environment. The remedial action objective (RAO) for the Site is to minimize or eliminate the explosive safety risk to the public and site personnel (USACE, October 2015).

### **2.4 Remedy Selection**

By means of a Decision Document (USACE, October 2015), it was determined that LUCs would include public notification and education measures, by means of signs in populous areas of the beach, brochures and pamphlets and an "MEC awareness" video for individuals proposing to use metal detectors at the Site. It was decided that the above measures are protective of human health, safety and the environment for the Site.

### **2.5 Status of Implementation**

Four signs (in two back-to-back pairs) were observed during the Site visit at two heavily traveled entrances to the beach. These entrances are near the middle and south end of the Site. However, the Land Use Control Implementation Plan (LUCIP) mentions that in 2003 there were three signs at the north, middle, and southern ends of the Site. Based on June 2020 email correspondence with Jim Seward, Buckroe Park Manager, the information presented in the LUCIP appears to be erroneous. According to Mr. Seward, there have only ever been two back-to back-signs (one

sign on each side): one near the middle of the Site and one near the south end of the Site. These two back-to-back signs have always been in the same location and were observed during the Site visit. No sign was observed on the north end of the Site.

The “MEC awareness” tri-fold brochures are printed and kept in the Buckroe Beach Park office. They are distributed to those who want to do metal detecting at the Site. An informative ~6-minute video of MEC that might be encountered while metal detecting at the Site and a ‘permit’ for prospecting with metal detectors at the Site was readily available and showed to potential ‘prospectors’ and the USACE representative during the Site inspection.

## 2.6 Institutional Control (IC) Summary Table

Table 2 Summary of Implemented Institutional Controls

Media, engineered controls, and areas that do not support UU/UE based on current conditions	ICs Needed	ICs Called for in the Decision Documents	Impacted Parcel(s)	IC Objective	Title of IC Instrument Implemented and Date (or planned)
Soil	Yes	Yes	Buckroe Beach	Public awareness of the possibility of encountering MEC at Buckroe Beach sand or tidal zones and safe actions for such cases.	Land Use Control Implementation Plan (USACE, May 2019)

## 2.7 Systems Operations/Operations and Maintenance

No Systems Operations or Operations and Maintenance has occurred since the DD was signed, October 23, 2015.

### **3.0 PROGRESS SINCE THE LAST REVIEW**

This is the first periodic review for Buckroe Beach FUDS site. Therefore, no recommendations and follow-up actions exist from previous reviews.

## 4.0 FIVE-YEAR REVIEW PROCESS

### 4.1 Community Notification, Involvement and Site Interviews

A public notice was published in The Daily Press, Hampton, Virginia on November 17, 2019. The notice stated that the U.S. Army Corps of Engineers was conducting a FYR of Buckroe Beach FUDS Site and that the public was invited to submit any comments to NAB. A copy of the legal notice is in Appendix D. Also, a public notice of FYR completion will be placed in local area newspapers, when the document has been finalized. A copy of the notices, initial and final, will also be placed on the USACE, Baltimore District Public Affairs website.

The results of the Site's FYR will be made available at the information repository located at the following locations:

U.S. Army Corps of Engineers  
Corporate Communications Office  
Attention: Chris Gardner  
2 Hopkins Plaza  
Baltimore, Maryland 21201

Hampton Public Library  
1 Mallory Street  
Hampton, Virginia 23663

During the FYR process, interviews were conducted to document any perceived problems or successes with the remedy that has been implemented to date. The interviews were conducted in person with Jim Seward (Buckroe Beach Park, Co-manager) and by telephone with Lynn Waldrop (Buckroe Beach Park, Co-manager and James T. Wilson Fishing Pier Manager), Devlin Harris (VADEQ Site Assessment Program Manager) and Assistant Battalion Chief Anthony Chittum, Hampton Division of Fire and Rescue. Completed interview records are included in Appendix C, after the Site Inspection checklist. The results of these interviews are summarized below.

The interviewees all felt that the signs, informational "MEC awareness" video, and "MEC awareness" brochures were adequately achieving the intended purpose of making the public aware of the potential MEC hazard.

Mr. Harris stated that Site inspections from VADEQ occur to inspect remedial actions: such as location and removal of MEC (previously) and now posting of signs.

The interviewees all felt that the possibility of encountering MEC and MD was adequately conveyed to the beach-going public via the educational methods of the remedy. They also agreed that they knew of no public concerns regarding the remedy.

The Site's FYR was provided to Mr. Harris, VADEQ, for review and comment. Mr. Harris provided only one VADEQ comment. No comments on the FYR were received from the community. The comment received from VADEQ and the USACE response is provided in Appendix E.

#### **4.2 Data Review**

During the past five years (November 2014 – November 2019), no MEC has been found at the Site.

#### **4.3 Site Inspection**

The inspection of the Site was conducted on September 11, 2019. The inspectors were Mona Ponnappalli, USACE-NAB Project Engineer and Jim Seward. The Site visit photos and the Site Inspection checklist can be found in Appendices B and C, respectively. The purpose of the inspection is to observe and document Site conditions and assess the protectiveness of the remedy. The Site visit began with a meeting between Ms. Ponnappalli and Mr. Seward.

No changes in land use inconsistent with the assumptions in the remedy, were observed. Two of the sidewalks in front of the Site have "Public Safety Advisory" signs warning of the possibility of MEC at the Site.

The James T. Wilson Fishing Pier has a brochure/flyer rack, but no "MEC awareness" brochures/flyers are present for the general public. The USACE inspector was told that the "MEC awareness" tri-fold brochure is given to the people who wish to do metal detecting at the Site, after they see the "MEC awareness" video. The names of the persons who have seen the "MEC awareness" video are recorded and they are given a badge authorizing their use of metal detecting equipment on the beach. However, the current "MEC awareness" video is somewhat dated. It has an outdated phone number and Point of Contact name, for people to call if they discover or suspect MEC.

Another item that questions full implementation of the Land Use Controls is that there are only two signs (two back-to-back pairs) of "Public Safety Advisory" MEC signs, between the sidewalk and the boardwalk, approximately near the middle and southern ends of the Site. The LUCIP mentions an additional sign at the northern border of the Site.

## 5.0 TECHNICAL ASSESSMENT

### 5.1 Question A: Is the Remedy Functioning As Intended By The Decision Documents?

**Yes.** There have been no instances of MEC found at the Site between November 2014 and November 2019, according to three people (see Section 4.2), knowledgeable about the Site. Lynn Waldrop (Buckroe Beach Park, Co-manager and James T. Wilson Fishing Pier Manager), believes the educational efforts have had a positive effect – people now know what to do if they encounter known or suspected MEC at the Site.

However, the Land Use Control component of the DD’s remedy does not appear to be thoroughly implemented. The LUCIP which is the framework of implementing the LUCs has been created. “MEC Awareness” educational brochures, video and signs were distributed to the Site. However, presently only two pairs of the “Public Safety Advisory” MEC signs are installed between the sidewalk and the boardwalk, approximately near the middle and southern ends of the Site. The LUCIP mentions a “Public Safety Advisory” MEC sign at the northern border of the Site, which was not observed during the Site Inspection on September 11, 2019. Based on June 2020 email correspondence with Jim Seward, Buckroe Park Manager, the information presented in the LUCIP regarding a sign at the northern entrance to the Site appears to be error. According to Mr. Seward, there have only ever been two back-to back-signs: one near the middle of the Site and one near the south end of the Site.

The “MEC Awareness” tri-fold brochures are distributed to those who want to do metal detecting at the Site, after they see an informative “MEC Awareness” video. The public awareness component of the selected remedy (LUCs), is not completely implemented.

### 5.2 Question B: Are the Exposure Assumptions, Toxicity Data, Cleanup Levels and Remedial Action Objectives Used at the Time of the Remedy Selection Still Valid?

**Yes.** The exposure assumptions and RAOs used at the time of the remedy are still valid. No COCs were identified in the Risk Assessment and DD; therefore no Clean Up levels were established for the Site. There are no Applicable or Relevant and Appropriate Requirements (ARARs) for the selected remedy. Land use projection for the Site is that it is expected to remain a city of Hampton public beach. Six Munitions Removal Actions were performed for the Site between 1990 and 2004. All known munitions were removed during the TCRAs ending in 2004 and the subsequent Remedial Investigation in 2004 indicated no unacceptable risk from MC at the Site. The risk to encounter MEC is low, but is an acceptable risk when the LUCs are implemented.

**5.3 Question C: Has Any Other Information Come To Light That Could Call Into Question the Protectiveness Of the Remedy?**

**No.** No additional information has come to light that could call into question the protectiveness of the remedy.



## 6.0 ISSUES/RECOMMENDATIONS

Table 3 Issues and Recommendations

Issues/Recommendations
<b>MRSs Without Issues/Recommendations Identified in the Five-Year Review</b>
None.
<b>Issues and Recommendations Identified in the Five-Year Review:</b>

<b>Buckroe Beach</b>	<b>Issue Category: Institutional Controls</b>			
	<b>Issue:</b> A Land Use Controls provision (three signs) of the Decision Document is not currently being implemented.			
	<b>Recommendation:</b> As a prudent measure, install a back-to-back sign pair at the northern boundary of the Site.			
<b>Affect Current Protectiveness</b>	<b>Affect Future Protectiveness</b>	<b>Implementing Party</b>	<b>Oversight Party</b>	<b>Milestone Date</b>
No	Yes	Other; USACE, NAB	State	August 31, 2021

In addition, the following are recommendations that were identified during the FYR that may improve performance of the remedy, but do not affect current and/or future protectiveness: 1) Install a rack at James T. Wilson Fishing Pier to hold “MEC awareness” flyers and brochures for all members of the public to take and view; and 2) Develop a more current “MEC awareness” video for people who wish to survey the Site with metal detectors.

## 7.0 PROTECTIVENESS STATEMENT

Table 4          Protectiveness Statement

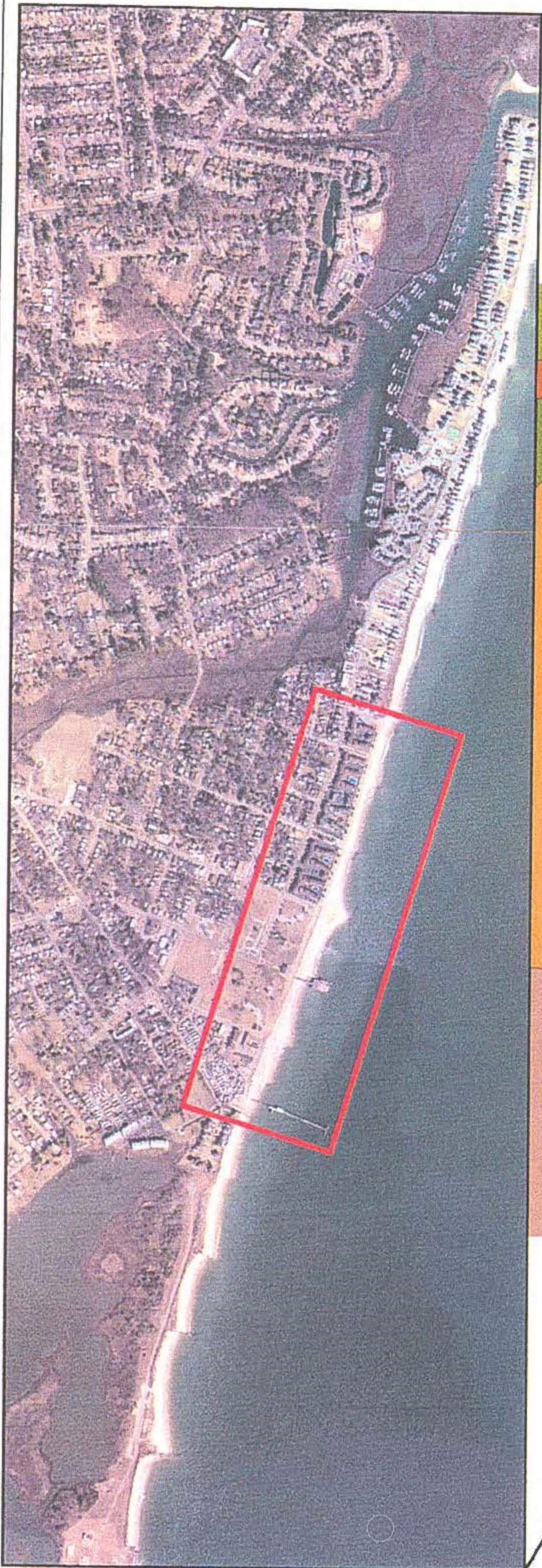
<b>Protectiveness Statement</b>		
<b>Munitions Response Site</b>	<b>Protectiveness Determination</b>	<b>Planned Addendum Completion Date</b>
Buckroe Beach FUDS site	Short-term Protective	Not applicable
<p>The remedy at the Site currently protects human health and the environment because: 1) there are “Public Safety Advisory” MEC signs installed between the sidewalk and the boardwalk approximately near the middle and southern ends of the Site, 2) an educational “MEC awareness” video is shown to beach-goers who want to ‘prospect’ in the sand using metal detecting equipment, before they can detect and 3) the metals prospectors are given an educational “MEC awareness” brochure. However, in order for the remedy to remain protective in the long term, the following action is recommended: Install one back-to-back sign pair at the northern boundary of the Site.</p>		

## **8.0 NEXT REVIEW**

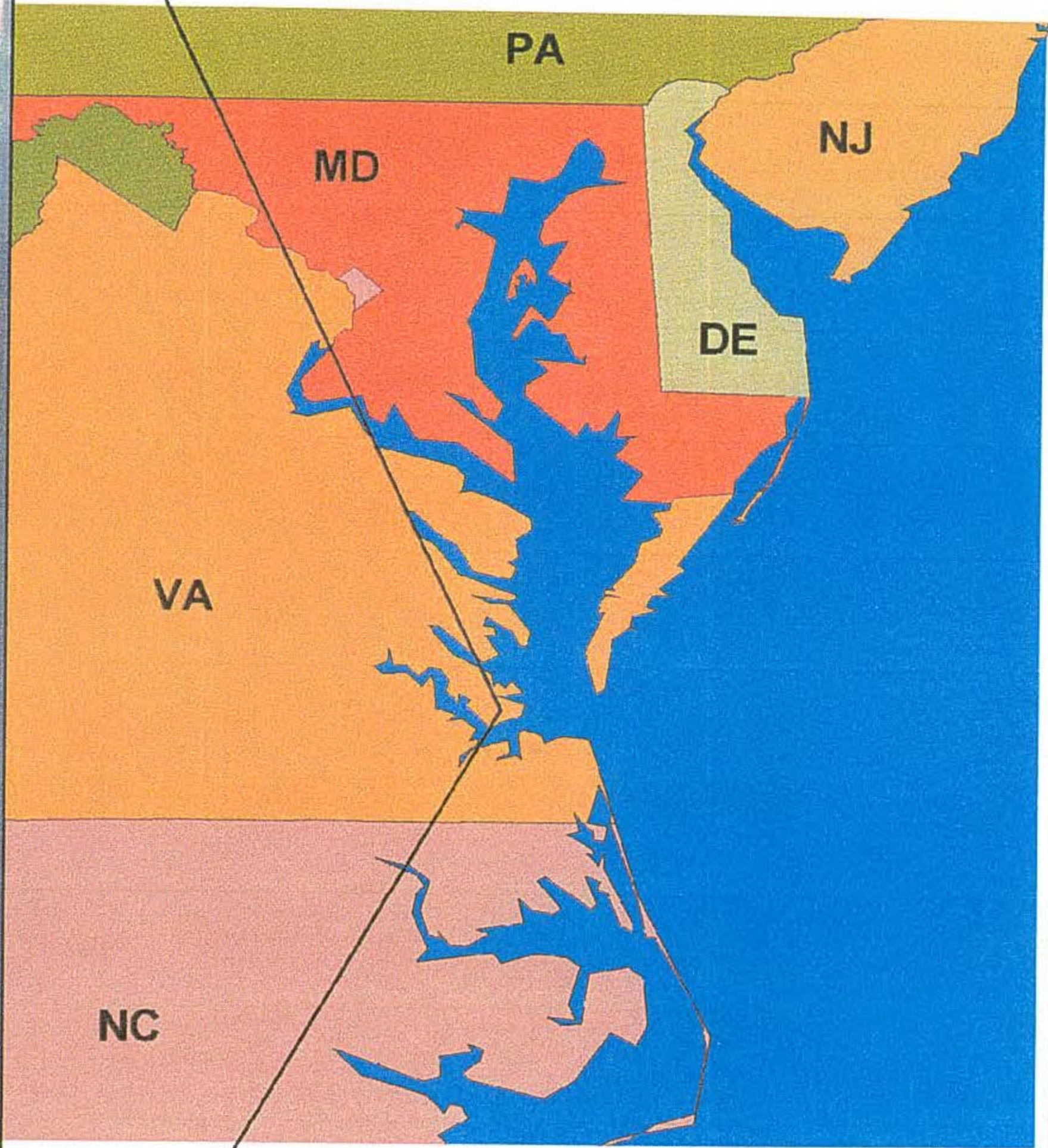
The next Five-Year Review report for the Site is required five years from the completion date of this review.

# Figures





Buckroe Beach Site Location Map



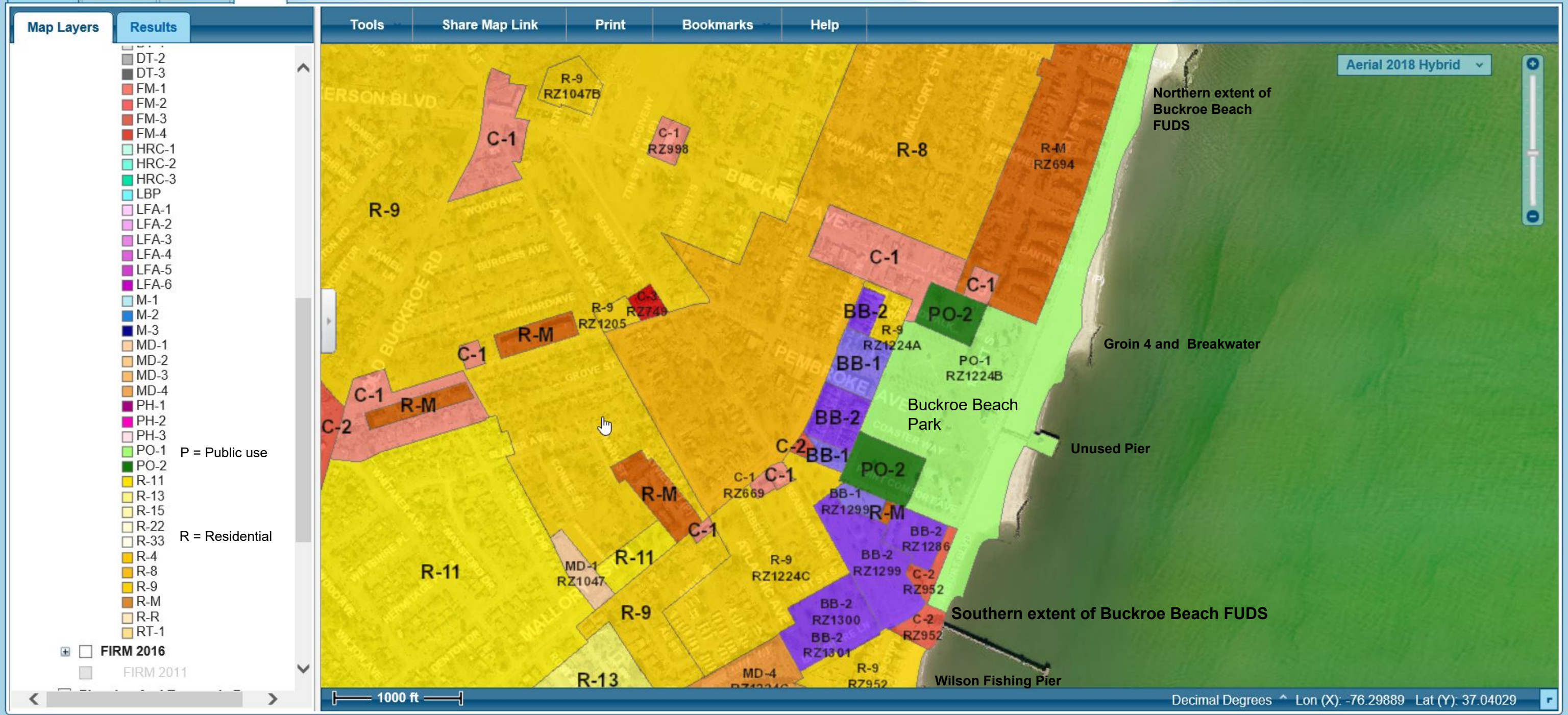
Regional Location Map

FIGURE 1  
Figure is extracted from  
Site-Specific Final Report  
for TCRA, Prepared by  
WESTON on February 2004

Figure 1  
Buckroe Beach Site Location Map



Figure 2 Hampton, VA, Zoning Map, Buckroe Beach Area







Ordnance Removal Survey Legend	
	TCRA Nov. - Dec. 2003
	1. 75 mm
	Spring 2003
	1. 75 mm
	2. Fuze (M1907)
	3. 40 mm
	1998-2002
	OE type is unavailable

**FIGURE 3**  
 Figure is extracted from  
**Site-Specific Final Report**  
 for TCRA, Prepared by  
**WESTON** on February 2004

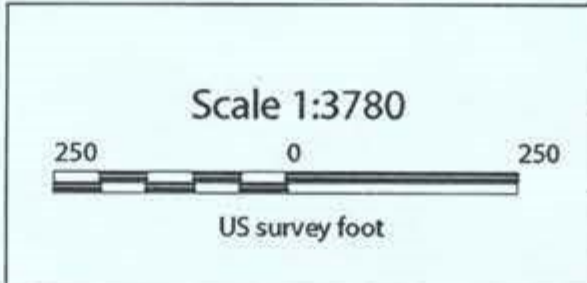


Figure 3  
 Buckroe Beach TCRA  
 Figure 3 Locations of Recovered MEC



# Appendix A

## References List



## APPENDIX A -- REFERENCES

U.S. Army (Army), November 28, 1990. Defense Environmental Restoration Program, Formerly Used Defense Sites Program, Findings of Fact and Determination of Eligibility Buckroe Beach, Hampton, Virginia, Site No. C03VA101100

Hampton Roads Planning District Commission (HRPDC), 2011. Hampton Roads Regional Water Supply Plan, HRPDC, July 2011 (available at <http://www.hrpdc.org/departments/water-resources/download-theplan/>) (Section 1 and Appendix A, Peninsula Data Tables)

USACE, NAB, May 2019. Final, Military Munitions Response Program, Formerly Used Defense Sites Program, Land Use Control Implementation Plan, Buckroe Beach, FUDS Property No. C03VA1011, Hampton, Virginia

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USACE Engineering Pamphlet (EP) 200-1-18, September 30, 2011. Five-Year Reviews of Military Munitions Response Projects.

United States Environmental Protection Agency (USEPA), January 20, 2016. Transmittal of the Five-Year Review Recommended Template, OSWER OLEM--9200.0-89.

United States Environmental Protection Agency (USEPA), June 2001. Comprehensive Five-Year Review Guidance, EPA 540-R-01-007; OSWER No. 9355.7-03B-P.

# Appendix B

Memorandum for Record of  
Site Inspection, September 11, 2019

STAFF OFFICIALS: Mona D. Ponnappalli, Project Engineer, CENAB-EN-HT, (410-962-3548)

PROJECT VISITED: Buckroe Beach, Hampton, Virginia

DATE OF VISIT: 11 September, 2019: 1355 to 1445

PRINCIPAL CONTACT for Buckroe Beach: Jim Seward, Buckroe Beach Park, Co-Manager (757-272-3808).

PURPOSE OF VISIT: To perform a site inspection of Buckroe Beach

### **FINDINGS:**

Ponnappalli met Jim Seward (Buckroe Beach Park, Co-manager) and Patricia Parker (Hampton Risk Claims Manager), at James T. Wilson Fishing Pier, at Buckroe Beach, at 1300, September 11, 2019. The site visit began with a meeting between Ms. Ponnappalli, Mr. Seward and Ms. Parker, discussing the CERCLA interview questions.

The inspection of Buckroe Beach was conducted on September 11<sup>th</sup>, ~ 1355 to 1445. The weather was mostly sunny and warm (~80 F), with a light breeze. The inspectors were Mona Ponnappalli, USACE-NAB Project Engineer and Jim Seward. Buckroe Beach is a FUDS site, currently owned by Hampton, Virginia. It is open 365 days/year and in the summer, it is open 24 hours/day. The purpose of the inspection is to observe and document site conditions and assess the protectiveness of the remedy.

For the site inspection, Mr. Seward drove Ms. Ponnappalli over the sand of Buckroe Beach, between the northern border and the Fort Munroe beachfront at the southern border. The area from near the water to the concrete boardwalk was covered. The concrete boardwalk covers nearly the north-south length of Buckroe Beach, separating the sand from the grassy, park part of Buckroe Beach Park. Buckroe Beach is bordered to the north by a private beach.

There are private townhomes to the land side of the boardwalk, along the northern third of Buckroe Beach's length. The southern two-thirds of Buckroe Beach, to the west of the boardwalk is called Buckroe Beach Park. This section has flat, grassy fields, two or three roofed, open picnic shelters, a Park office/administration building, restrooms/changing areas and a small, old, neatly preserved light house. There are concrete sidewalks between the parking lots and the concrete boardwalk, east of which is the sandy part of Buckroe Beach. Two of the sidewalks have "Public Safety Advisory" signs warning of the possibility of MEC at Buckroe Beach.

There were eight stone rip-rap breakwaters, called groins, built along Buckroe Beach, leading into the water. The beach erodes between the groins – a narrower beach where it is not protected by the breakwater. The only vegetation at Buckroe Beach is a few sparse dune grasses near the concrete boardwalk at its northern end and near the storm fence, close to James T. Wilson Fishing Pier, at its southern end. The storm fence, at the southern end, was partially pulled down due to a recent storm.

There were people at Buckroe Beach, even during the mid-September site visit. It is estimated that during the summer months, there are approximately 3,000 visitors/day at Buckroe Beach (USACE, October 2015). There were also several people using a metal detector on the beach. Besides the James T. Wilson Fishing Pier, there was another pier, called Observation Pier, which reportedly formerly housed a restaurant at about the midpoint of the north-south axis of Buckroe Beach. Presently, the Observation Pier is abandoned – there is a metal fence with a locked gate on the pier, preventing access. There were no other buildings on the sand of Buckroe Beach.

The James T. Wilson Fishing Pier has brochures and a staff, but no “MEC awareness” brochures are present for the general public. The USACE inspector was told that the “MEC awareness” brochure is given to the people who wish to do metal detecting at Buckroe Beach, after they see the “MEC awareness” video. The names of the persons who have seen the “MEC awareness” video are recorded and they are given a badge authorizing their use of metal detecting equipment on the beach.

Another item that questions full implementation of the Land Use Controls is that there are only two pairs (back-to-back) of “Public Safety Advisory” signs, between the sidewalk and the boardwalk, approximately 0.3 miles from the southern end of Buckroe Beach. The Land Use Controls Implementation Plan mentions signs at the northern and southern borders of Buckroe Beach FUDS site. These signs should be reinstalled at those two previous locations.

Photos taken during the site visit, follow this memo. The EPA Five-Year Review Site Inspection Checklist and interview records can be found in Appendix C.

**CONTACT INFORMATION:** If there are any questions concerning this Resume of Staff Visit, please contact Mona D. Ponnappalli at (410) 962-3548 or at [Mona.D.Ponnappalli@Usace.Army.mil](mailto:Mona.D.Ponnappalli@Usace.Army.mil)

# Appendix C

## Five-Year Review, Site Inspection Checklist and Interview Record

## 5 Year Review, Site Inspection Checklist

I. SITE INFORMATION	
<b>Site name:</b> Buckroe Beach	<b>Date of inspection:</b> September 11, 2019
<b>Location and Region:</b> Hampton, Virginia	<b>EPA ID:</b> N/A
<b>Agency, office, or company leading the five-year review:</b> US Army Corps of Engineers (USACE), Baltimore District (NAB)	<b>Weather/temperature:</b> ~80 F
<p><b>Remedy Includes:</b> Check all that apply</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Access controls</li> <li><input type="checkbox"/> Institutional controls</li> <li><input checked="" type="checkbox"/> Land Use Controls</li> <li><input type="checkbox"/> Landfill cover/containment</li> <li><input type="checkbox"/> Munitions Removal Action</li> <li><input type="checkbox"/> Monitored natural attenuation</li> <li><input type="checkbox"/> Groundwater containment</li> <li><input type="checkbox"/> Vertical barrier walls</li> <li><input type="checkbox"/> Groundwater pump and treatment</li> <li><input type="checkbox"/> Surface water collection and treatment</li> </ul> <p>Other _____</p> <p>_____</p>	
<b>Attachments:</b> Site map in Figures and Interviews, attached	
II. INTERVIEWS (Check all that apply)	
<p>1. <u>James Seward</u> <u>Buckroe Beach Park, Co-Manager</u> <u>September 11, 2019</u></p> <p style="text-align: center;">Name Title Date</p> <p>Interviewed in person, at site by phone Phone no. _____</p> <p>Problems, suggestions, etc.: <u>Interview record, attached</u></p> <p>_____</p> <p>_____</p>	
<p>2. <u>Lynn Waldrop</u> <u>Buckroe Beach Park, Co-Manager</u> <u>September 11, 2019</u></p> <p style="text-align: center;">Name Title Date</p> <p>Interviewed by phone Phone no. <u>757-727-1486</u></p> <p>Problems, suggestions; etc. <u>Interview record, attached</u></p> <p>_____</p> <p>_____</p>	

3. **Local regulatory authorities and response agencies** (i.e., State and Tribal offices, emergency response office, police department, office of public health or environmental health, zoning office, recorder of deeds, or other city and county offices, etc.) Fill in all that apply.

Agency: Virginia Department of Environmental Quality (VADEQ); Site Assessment Program Manager, Office of Remediation Programs \_\_\_\_\_

1. Contact: Devlin Harris, VADEQ, Site Assessment Program Manager; Nov 21, '19 (804-698-4226)  
 Name Title Date Phone no.

Problems/Suggestions: Interview record, attached.

Agency: Hampton Division of Fire and Rescue  
 Contact Anthony Chittum Battalion Chief February 14, 2020 757-727-6580  
 Name Title Date Phone no.

Problems/Suggestions: Interview record, attached.

4. **Other interviews** (optional) None.

**Name:**

**Title:**

**Agency:**

**Date:**

**Phone Number:**

**III. ON-SITE DOCUMENTS & RECORDS VERIFIED** (Check all that apply)

1. **O&M Documents**

O&M manual	Readily available	Up to date	X	N/A
As-built drawings	Readily available	Up to date	X	N/A
Maintenance logs	Readily available	Up to date	X	N/A

Remarks \_\_\_\_\_

2. **Site-Specific Health and Safety Plan**

Contingency plan/emergency response plan	Readily available	Up to date	X	N/A
	Readily available	Up to date	X	N/A

Remarks \_\_\_\_\_

3. **O&M and OSHA Training Records**

	Readily available	Up to date	X	N/A
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Remarks \_\_\_\_\_

4. **Permits and Service Agreements**

Air discharge permit	Readily available	Up to date	X	N/A
Effluent discharge	Readily available	Up to date	X	N/A
Waste disposal, POTW	Readily available	Up to date	X	N/A
Other permits _____	Readily available	Up to date	X	N/A

Remarks \_\_\_\_\_

5.	<b>Gas Generation Records</b>	X N/A		
6.	<b>Settlement Monument Records</b> Remarks _____	Readily available	Up to date	X N/A
7.	<b>Groundwater Monitoring Records</b> Remarks _____	Readily available	Up to date	X N/A
8.	<b>Leachate Extraction Records</b> Remarks _____	Readily available	Up to date	X N/A
9.	<b>Discharge Compliance Records</b> Air Water (effluent) Remarks _____	Readily available Readily available	Up to date Up to date	X N/A X N/A
10.	<b>Daily Access/Security Logs</b> Remarks _____	Readily available	Up to date	X N/A
<b>IV. O&amp;M COSTS</b>				
1.	<b>O&amp;M Organization</b> State in-house PRP in-house X Federal Facility in-house Other _____	Contractor for State Contractor for PRP Contractor for Federal Facility		
2.	<b>O&amp;M Cost Records</b> X Readily available      X Up to date X Funding mechanism/agreement in place Original O&M cost estimate _____ Breakdown attached  Total annual cost by year for review period if available  From <u>  10/23/15  </u> To <u>  10/22/16  </u> <u>  \$2450  </u> (Decision Document signed 10/23/15) Date                      Date                      Total cost From <u>  10/23/16  </u> To <u>  10/22/17  </u> <u>  \$0  </u> Date                      Date                      Total cost From <u>  10/23/17  </u> To <u>  10/22/18  </u> <u>  \$36000  </u> Date                      Date                      Total cost From <u>  10/23/18  </u> To <u>  10/22/19  </u> <u>  \$10,000  </u> (Start 1st Five-Year Review) Date                      Date                      Total cost From <u>  10/23/19  </u> To <u>  10/22/20  </u> <u>  \$40,037  </u> (Finish 1st Five-Year Review) Date                      Date                      Total cost			



3.	<b>Unanticipated or Unusually High O&amp;M Costs During Review Period</b>			
	Describe costs and reasons: <u>None.</u>			
	_____			
	_____			
	_____			
	_____			
	_____			
	<b>V. ACCESS AND INSTITUTIONAL CONTROLS</b>			
	Applicable	<input checked="" type="checkbox"/>	N/A	
<b>A. Fencing</b>				
1.	<b>Fencing damaged</b>	Location shown on site map	Gates secured	X N/A
	Remarks _____			
	_____			
<b>B. Other Access Restrictions</b>				
1.	<b>Signs and other security measures</b>			
	Remarks <u>During the Site Inspection, two pairs (back-to-back) of "Public Safety Advisory" signs, were observed between the sidewalk and the board walk. Two of the previously installed "Public Safety Advisory" MEC signs, mentioned in the Land Use Control Implementation Plan (LUCIP), near the northern and southern boundaries of Buckroe Beach FUDS, were not observed during the site inspection. This inspector was told that there are several more "Public Safety Advisory" signs, but they have not yet been installed.</u>			
	<u>The James T. Wilson Fishing Pier has a snack bar and an office area with staff and a brochure/flyer rack, but no "MEC awareness" brochures are present for the general public. The USACE inspector was told that the "MEC awareness" brochure is given to the people who wish to do metal detecting at Buckroe Beach, after they see the "MEC awareness" video. A record of the names of the persons who have seen the "MEC awareness" video are kept and they are given a badge authorizing their use of metal detecting equipment on the beach. However, the current "MEC awareness" video is somewhat dated.</u>			
<b>C. Institutional Controls (ICs)</b>				
1.	<b>Implementation and enforcement</b>			
	Site conditions imply ICs are properly implemented	Yes	<input checked="" type="checkbox"/> No	N/A
	Site conditions imply ICs are being fully enforced	Yes	<input checked="" type="checkbox"/> No	N/A
	Type of monitoring (e.g., self-reporting, drive by) <u>None</u>			
	Frequency <u>N/A</u>			
	Responsible party/agency <u>Buckroe Beach Park</u>			
	Contact <u>Jim Seward</u>	<u>Buckroe Beach Park, Co-Manager</u>	<u>757-272-3808</u>	
	Name	Title	Phone no.	
	Reporting is up-to-date	Yes	No	<input checked="" type="checkbox"/> N/A
	Reports are verified by the lead agency	Yes	No	<input checked="" type="checkbox"/> N/A
	Specific requirements in deed or decision documents have been met	Yes	<input checked="" type="checkbox"/> No	N/A
	Violations have been reported	Yes	<input checked="" type="checkbox"/> No	N/A
	Other problems or suggestions: <u>See Section 6, Issues and Recommendations in Five-Year Review.</u>			

2. **Adequacy**                      ICs are adequate                       ICs are not being implemented                      N/A  
 Remarks     The site visit did not observe as many MEC hazard/warning signs as described in the LUCIP. Nor were any MEC educational brochures/flyers evident for the general public. Mr. Jim Seward (Buckroe Beach Park, Co-Manager), when interviewed, stated that such flyers are only given to people applying for a metal detection license at Buckroe Beach (sandy portions). Also, the "MEC Awareness" video which all persons wishing to obtain a metal detection license for Buckroe Beach must view, is somewhat outdated.

**D. General**

1. **Vandalism/trespassing**                      Location shown on site map                       No vandalism evident  
 Remarks \_\_\_\_\_

2. **Land use changes on site**                       N/A  
 Remarks \_\_\_\_\_

3. **Land use changes off site**                       N/A  
 Remarks \_\_\_\_\_

**VI. GENERAL SITE CONDITIONS**

**A. Roads**                       Applicable

1. **Roads damaged**                       Roads adequate  
 Remarks \_\_\_\_\_

**B. Other Site Conditions**

Remarks \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**VII. LANDFILL COVERS** Applicable      X N/A

**A. Landfill Surface**

1. **Settlement** (Low spots) Location shown on site map Settlement not evident

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_

2. **Cracks** Location shown on site map Cracking not evident

Lengths \_\_\_\_\_ Widths \_\_\_\_\_ Depths \_\_\_\_\_

Remarks \_\_\_\_\_

3. **Erosion** Location shown on site map Erosion not evident

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_

4. **Holes** Location shown on site map Holes not evident

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_

5. **Vegetative Cover** Grass Cover properly established No signs of stress

Trees/Shrubs (indicate size and locations on a diagram)

Remarks \_\_\_\_\_

6. **Alternative Cover (armored rock, concrete, etc.)** N/A

Remarks \_\_\_\_\_

7. **Bulges** Location shown on site map Bulges not evident

Areal extent \_\_\_\_\_ Height \_\_\_\_\_

Remarks \_\_\_\_\_

8. **Wet Areas/Water Damage** Wet areas/water damage not evident

Wet areas Location shown on site map Areal extent \_\_\_\_\_

Ponding Location shown on site map Areal extent \_\_\_\_\_

Seeps Location shown on site map Areal extent \_\_\_\_\_

Soft subgrade Location shown on site map Areal extent \_\_\_\_\_

Remarks \_\_\_\_\_

9. **Slope Instability** Slides Location shown on site map No evidence of slope instability

Areal extent \_\_\_\_\_

Remarks \_\_\_\_\_

**B. Benches** Applicable      X N/A

(Horizontally constructed mounds of earth placed across a steep landfill side slope to interrupt the slope in order to slow down the velocity of surface runoff and intercept and convey the runoff to a lined channel.)

1. **Flows Bypass Bench** Location shown on site map N/A or okay

Remarks \_\_\_\_\_

2. **Bench Breached** Location shown on site map N/A or okay

Remarks \_\_\_\_\_

3. **Bench Overtopped** Location shown on site map N/A or okay

Remarks \_\_\_\_\_

**C. Letdown Channels** Applicable  N/A

(Channel lined with erosion control mats, riprap, grout bags, or gabions that descend down the steep side slope of the cover and will allow the runoff water collected by the benches to move off of the landfill cover without creating erosion gullies.)

1. **Settlement** Location shown on site map No evidence of settlement

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_

2. **Material Degradation** Location shown on site map No evidence of degradation

Material type \_\_\_\_\_ Areal extent \_\_\_\_\_

Remarks \_\_\_\_\_

3. **Erosion** Location shown on site map No evidence of erosion

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_

4. **Undercutting** Location shown on site map No evidence of undercutting

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_

5. **Obstructions** Type \_\_\_\_\_ No obstructions

Location shown on site map Areal extent \_\_\_\_\_ Size \_\_\_\_\_

Remarks \_\_\_\_\_

6. **Excessive Vegetative Growth** Type \_\_\_\_\_

No evidence of excessive growth

Vegetation in channels does not obstruct flow

Location shown on site map Areal extent \_\_\_\_\_

Remarks \_\_\_\_\_

**D. Cover Penetrations** Applicable  N/A

1. **Gas Vents** Active Passive

Properly secured/locked Functioning Routinely sampled Good condition

Evidence of leakage at penetration Needs Maintenance

N/A

Remarks \_\_\_\_\_

2. **Gas Monitoring Probes**

Properly secured/locked Functioning Routinely sampled Good condition

Evidence of leakage at penetration Needs Maintenance N/A

Remarks \_\_\_\_\_

**3. Monitoring Wells** (within surface area of landfill)

Properly secured/locked Functioning Routinely sampled Good condition  
Evidence of leakage at penetration Needs Maintenance N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**4. Leachate Extraction Wells**

Properly secured/locked Functioning Routinely sampled Good condition  
Evidence of leakage at penetration Needs Maintenance N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**5. Settlement Monuments** Located Routinely surveyed N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**E. Gas Collection and Treatment** Applicable X N/A

**1. Gas Treatment Facilities**

Flaring Thermal destruction Collection for reuse  
Good condition Needs Maintenance

Remarks \_\_\_\_\_  
\_\_\_\_\_

**2. Gas Collection Wells, Manifolds and Piping**

Good condition Needs Maintenance

Remarks \_\_\_\_\_  
\_\_\_\_\_

**3. Gas Monitoring Facilities** (e.g., gas monitoring of adjacent homes or buildings)

Good condition Needs Maintenance N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**F. Cover Drainage Layer** Applicable X N/A

**1. Outlet Pipes Inspected** Functioning N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**2. Outlet Rock Inspected** Functioning N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**G. Detention/Sedimentation Ponds** Applicable X N/A

**1. Siltation** Areal extent \_\_\_\_\_ Depth \_\_\_\_\_ N/A

Siltation not evident

Remarks \_\_\_\_\_  
\_\_\_\_\_

**2. Erosion** Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Erosion not evident

Remarks \_\_\_\_\_

3. **Outlet Works** Functioning N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

4. **Dam** Functioning N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**H. Retaining Walls** Applicable X N/A

1. **Deformations** Location shown on site map Deformation not evident

Horizontal displacement \_\_\_\_\_ Vertical displacement \_\_\_\_\_

Rotational displacement \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

2. **Degradation** Location shown on site map Degradation not evident

Remarks \_\_\_\_\_  
\_\_\_\_\_

**I. Perimeter Ditches/Off-Site Discharge** Applicable X N/A

1. **Siltation** Location shown on site map Siltation not evident

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

2. **Vegetative Growth** Location shown on site map N/A

Vegetation does not impede flow

Areal extent \_\_\_\_\_ Type \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

3. **Erosion** Location shown on site map Erosion not evident

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

4. **Discharge Structure** Functioning N/A

Remarks \_\_\_\_\_  
\_\_\_\_\_

**VIII. VERTICAL BARRIER WALLS** Applicable X N/A

1. **Settlement** Location shown on site map Settlement not evident

Areal extent \_\_\_\_\_ Depth \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

2. **Performance Monitoring** Type of monitoring \_\_\_\_\_

Performance not monitored

Frequency \_\_\_\_\_ Evidence of breaching

Head differential \_\_\_\_\_

Remarks \_\_\_\_\_  
\_\_\_\_\_

**IX. GROUNDWATER/SURFACE WATER REMEDIES** Applicable X N/A

**A. Groundwater Extraction Wells, Pumps, and Pipelines** Applicable N/A

**1. Pumps, Wellhead Plumbing, and Electrical**

Good condition All required wells properly operating Needs Maintenance N/A

Remarks \_\_\_\_\_

**2. Extraction System Pipelines, Valves, Valve Boxes, and Other Appurtenances**

Good condition Needs Maintenance

Remarks \_\_\_\_\_

**3. Spare Parts and Equipment**

Readily available Good condition Requires upgrade Needs to be provided

Remarks \_\_\_\_\_

**B. Surface Water Collection Structures, Pumps, and Pipelines** Applicable X N/A

**1. Collection Structures, Pumps, and Electrical**

Good condition Needs Maintenance

Remarks \_\_\_\_\_

**2. Surface Water Collection System Pipelines, Valves, Valve Boxes, and Other Appurtenances**

Good condition Needs Maintenance

Remarks \_\_\_\_\_

**3. Spare Parts and Equipment**

Readily available Good condition Requires upgrade Needs to be provided

Remarks \_\_\_\_\_

**C. Treatment System** Applicable X N/A

**1. Treatment Train** (Check components that apply)

Metals removal Oil/water separation Bioremediation

Air stripping Carbon adsorbers

Filters \_\_\_\_\_

Additive (e.g., chelation agent, flocculent) \_\_\_\_\_

Others \_\_\_\_\_

Good condition Needs Maintenance

Sampling ports properly marked and functional

Sampling/maintenance log displayed and up to date

Equipment properly identified

Quantity of groundwater treated annually \_\_\_\_\_

Quantity of surface water treated annually \_\_\_\_\_

Remarks \_\_\_\_\_

**2. Electrical Enclosures and Panels** (properly rated and functional)

N/A Good condition Needs Maintenance

Remarks \_\_\_\_\_

**3. Tanks, Vaults, Storage Vessels**

N/A Good condition Proper secondary containment Needs Maintenance

Remarks \_\_\_\_\_

**4. Discharge Structure and Appurtenances**

N/A Good condition Needs Maintenance

Remarks \_\_\_\_\_

**5. Treatment Building(s)**

N/A Good condition (esp. roof and doorways) Needs repair  
Chemicals and equipment properly stored

Remarks \_\_\_\_\_

**6. Monitoring Wells** (pump and treatment remedy)

Properly secured/locked Functioning Routinely sampled Good condition  
All required wells located Needs Maintenance N/A

Remarks \_\_\_\_\_

**D. Monitoring Data**            **X Not Applicable**

1. Monitoring Data

Is routinely submitted on time Is of acceptable quality

2. Monitoring data suggests:

Groundwater plume is effectively contained Contaminant concentrations are declining

**E. Monitored Natural Attenuation**            **X Not Applicable**

1. **Monitoring Wells** (natural attenuation remedy)

Properly secured/locked Functioning Routinely sampled Good condition  
All required wells located Needs Maintenance N/A

Remarks \_\_\_\_\_

**X. OTHER REMEDIES**

If there are remedies applied at the site which are not covered above, attach an inspection sheet describing the physical nature and condition of any facility associated with the remedy. An example would be soil vapor extraction.

The Decision Document’s selected remedy was Educational LUCs. The Land Use Control Implementation Plan (LUCIP) described these as: 1) “Public Safety Advisory” signs, between the sidewalk and the board walk at high visibility areas, 2) “MEC awareness’ brochures/flyers, present for the general public and 3) a “MEC awareness’ video shown to the people who wish to do metal detecting at Buckroe Beach. Using LUCs provide a means for the landowners and their representatives to coordinate in an effort to reduce MEC exposure risk through behavior modification.

**XI. OVERALL OBSERVATIONS**

**A. Implementation of the Remedy**

Describe issues and observations relating to whether the remedy is effective and functioning as designed. Begin with a brief statement of what the remedy is to accomplish (i.e., to contain contaminant plume, minimize infiltration and gas emission, etc.).

The use of LUCs at a FUDS property is primarily to produce public awareness. The LUCIP which is the framework of implementing the LUCs, has been created. USACE has distributed “Public Safety Advisory” signs, “MEC Educational” brochures/flyers and a “MEC Awareness” video to Buckroe Beach Park. But they are not displayed/available to their full extent.

\_\_\_\_\_



**B. 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.

During the Site Inspection, two pairs (back-to-back) of “Public Safety Advisory” signs (4 total), were observed between the sidewalk and the board walk. This inspector was told that there are several more “Public Safety Advisory” signs, but they have not yet been installed.

The James T. Wilson Fishing Pier has a snack bar and an office area with staff and a brochure/flyer rack, but no “MEC awareness” brochures are present for the general public. The USACE inspector was told that the “MEC awareness” brochure is given only to the people who wish to do metal detecting at Buckroe Beach, after they see the “MEC awareness” video. There is a good program of ensuring that people applying to do metal detecting, watch the MEC awareness video. The names of the persons who have seen the “MEC awareness” video are recorded and they are given a badge authorizing their use of metal detecting equipment on the beach. However, the current “MEC awareness” video is somewhat dated.

**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.

Two of the previously installed “Public Safety Advisory” MEC signs, mentioned in the Land Use Control Implementation Plan (LUCIP), near the northern and southern boundaries of Buckroe Beach FUDS, were not observed during the site inspection. The Buckroe Beach Park also does not have the “MEC awareness flyers available for the general public. Also, the “MEC awareness” video needs to be updated.

**D. Opportunities for Optimization**

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

The LUCIP mentions “Public Safety Advisory” MEC signs at the northern and southern borders of Buckroe Beach FUDS site. The signs should be reinstalled at those two previous locations. Install a rack to hold “MEC awareness” flyers/brochures for all members of the public, suggested at the Wilson Fishing Pier. Use a more current “MEC awareness” video. Check that the signs are present, annually, replacing them if necessary. It is suggested this recommendation be implemented by August 31, 2021.

See interviews following this page, with:

- 1) Jim Seward, Buckroe Beach Park, Co-Manager
- 2) Lynn Waldrop, Buckroe Beach Park, Co-Manager and James T. Wilson Fishing Pier Manager
- 3) Devlin Harris, VADEQ, Site Assessment Program Manager
- 4) Anthony Chittum, Battalion Chief, Hampton Division of Fire and Rescue

**Five-Year Review Questionnaire**  
**Buckroe Beach Hampton, VA**  
**Formerly Used Defense Site (FUDS) Site # C03VA1011**  
**Interview of Jim Seward, Buckroe Beach Park, Co-Manager**

U.S. Army Corps of Engineers (USACE), Baltimore District is doing a Five-Year Review of Buckroe Beach. Part of the Five-Year Review process is to seek information on the remedy from interested parties, hence this questionnaire. There have been several (six) removal actions for Buckroe Beach soil/sand, at various depths for Munitions and Explosives of Concern (MEC) and munitions debris (MD). The remedy, given in the Decision Document of October 23, 2015 was Land Use Controls (LUC) such as warning signs, educational brochures, community outreach activities (video and presentations/ training).

Please answer the questions below, for the period of this Five-Year Review [October 2015 to the present (November 2019)], for us. Mr. Seward was interviewed in person on Wednesday, September 11, 2019 (~ 1325 -- 1345).

**1. What is your overall impression of the project?**

Mr. Seward considers that the remedial measures (public outreach for awareness), are working. He says the signs make people conscious of the possibility of MEC and MD at Buckroe Beach. He feels that since the people using metal detectors must see a video to operate their detectors at the beach, they are especially aware of the possibility of MEC and discarded military munitions (DMM).

**2. Is the remedy functioning as expected? How well is the remedy performing?**

Mr. Seward thinks the remedy is functioning well.

**3. What effects have removal operations and the distribution of educational brochures and signs at Buckroe Beach, had on the surrounding community?**

Mr. Seward believes the removal operations have resulted in fewer discoveries of MEC and munitions debris (MD). He also thinks the signs make beach-goers

aware of what to do if they encounter MEC or anything that looks like MD/DMM, on Buckroe Beach.

4. **Do you feel that the land-use controls and the dangers of munitions at Buckroe Beach, are adequately communicated to the public?**

Yes.

5. **Are you aware of any community concerns about Buckroe Beach operation and administration? If so, please give details.**

No.

6. **Are you aware of any events, incidents, or activities at Buckroe Beach such as vandalism, trespassing or emergency responses from local authorities, in the last five years? If so, please give details.**

No.

7. **Have there been any complaints, violations, or other incidents related to the Site (Buckroe Beach), requiring a response by Virginia Department of Environmental Quality (VADEQ) in the last five years (November 2014 to November 2019)? If so, please give details of the events and results of the responses.**

No.

8. **What is the incidence data of Buckroe Beach visitors or personnel encountering military ordnance? Are there any trends that show that such incidents are increasing or decreasing?**

Mr. Seward is not usually the person who is contacted when a visitor/metal detecting 'prospector' encounters MEC/suspected MD. He suggested that Ms. Lynn Waldrop may know of instances when she was contacted for such encounters. (He gave the interviewer Ms. Waldrop's contact information.) Mr. Seward has never been contacted about MEC/suspected MEC, so he doesn't know if such incidents are increasing or decreasing.

9. **Have there been any significant changes in the O&M requirements, maintenance schedules, or sampling routines in the last five years? Please describe changes and impacts, if there are any.**

Mr. Seward recalls no changes in Buckroe Beach Park's change in O&M requirements. Buckroe Beach Park's O&M consists of an employee who "grooms" (drags) the beach sand about 5 times a week. The drag is operated mainly to clean the beach of trash and only digs into the sand at 1 or 2-inches depth. The employee operating the "grooming" machine has been given training on MEC avoidance before he operated the machine. He was trained on the 3 Rs (Recognize, Retreat, Report: call 911) if he spots anything that looks like MEC or DMM. He was also shown the "MEC awareness" video at approximately the same time, as part of the MEC avoidance training.

- 10. Have there been unexpected O&M difficulties or operational difficulties or costs at the Site due to MEC/MD, in the last five years? If so, please give details.**

Mr. Seward recalls no O&M problems or high costs due to MEC/MD, in the last five years (November 2014 to the present, November 2019).

- 11. Do you feel well informed about munitions location instances and regular Buckroe Beach activities to prevent the location of military ordnance?**

Mr. Seward, though he has never been contacted about MD/suspected MEC being found by a beach-goer, feels that he would learn about a verified MEC object being found at Buckroe Beach.

- 12. Do you have any comments, suggestions, or recommendations regarding Buckroe Beach's management or operation?**

Mr. Seward does not have any comments, suggestions, or recommendations regarding Buckroe Beach's management or operation.

- 13. Please write your contact information – name, title, address, phone # and e-mail.**

Jim Seward, Buckroe Beach Park, Co-Manger  
330 South Resort Boulevard, Hampton, Virginia 23664  
Office Phone: (757) 272-3808  
JSeward@Hampton.gov

**Five-Year Review Questionnaire**  
**Buckroe Beach Hampton, VA**  
**Formerly Used Defense Site (FUDS) Site # C03VA1011**  
**Interview of Lynn Waldrop, Buckroe Beach Park Co-Manager**

U.S. Army Corps of Engineers (USACE), Baltimore District is doing a Five-Year Review of Buckroe Beach. Part of the Five-Year Review process is to seek information on the remedy from interested parties, hence this questionnaire. There have been several (six) removal actions for Buckroe Beach soil/sand, at various depths for Munitions and Explosives of Concern (MEC) and munitions debris (MD). The remedy, given in the Decision Document of October 23, 2015 was Land Use Controls (LUC) such as warning signs, educational brochures, community outreach activities (video and presentations/training).

Please answer the questions below, for the period of this Five-Year Review [2015 to the present (November 2019)], for us. Ms. Waldrop was interviewed by phone on Friday, November 22, 2019 (~ 1530 -- 1609).

**1. What is your overall impression of the project?**

Ms. Waldrop thinks the remedial measures (public outreach for awareness), are working. She says the signs make people conscious of the possibility of MEC and MD at Buckroe Beach. She feels that since the people using metal detectors must see a video to operate their detectors at the beach, they are especially aware of the possibility of MEC and discarded military munitions (DMM).

**2. Is the remedy functioning as expected? How well is the remedy performing?**

Ms. Waldrop believes the remedy is “working”, that is, functioning as expected.

**3. What effects have removal operations and the distribution of educational brochures and signs at Buckroe Beach, had on the surrounding community?**

Ms. Waldrop believes the educational efforts have had a positive effect – people now know what to do if they encounter MD/MEC or anything that looks like MD/DMM, on Buckroe Beach.

**4. Do you feel that the land-use controls and the dangers of munitions at Buckroe Beach, are adequately communicated to the public?**

Yes. There are signs in heavily traffic areas, walkways entering the beach. The people who 'prospect' with metal detectors watch the USACE informational 'MEC' video. Also, Buckroe Beach Park personnel tell people to limit their digging in the beach sand to a maximum depth of 6-inches.

**5. Are you aware of any community concerns about Buckroe Beach operation and administration? If so, please give details.**

Ms. Waldrop is not aware of any community concerns regarding Buckroe Beach operation or administration.

**6. Are you aware of any events, incidents, or activities at Buckroe Beach such as vandalism, trespassing or emergency responses from local authorities, in the last five years? (This Five-Year Review period is October 2015 to October 2020.) If so, please give details.**

Sometimes there are instances of vandalism, when the beach warning signs are torn down. But the Army re-installs the signs. Other than the sign damage, she does not recall any instances of trespassing, vandalism or incidents requiring emergency response.

**7. Have there been any complaints, violations, or other incidents related to the Site (Buckroe Beach), requiring a response by Virginia Department of Environmental Quality (VADEQ) in the last five years (November 2014 to November 2019)? If so, please give details of the events and results of the responses.**

Ms. Waldrop is not aware of any complaints, violations, or other incidents related Buckroe Beach, that has needed a response by VADEQ, in the last five years.

**8. What is the incidence data of Buckroe Beach visitors or personnel encountering military ordnance? Are there any trends that show that such incidents are increasing or decreasing?**

Ms. Waldrop is not usually the person, and Buckroe Beach Park personnel are not usually the first contact when a visitor/'prospector' encounters MD/suspected MD. Usually, the Hampton Fire Department is called. (She gave the interviewer their contact information.) But generally, in her recollection, the incidents of finding MD/DMM, has decreased from the early 2000 – 2004.

- 9. Have there been any significant changes in the O&M requirements, maintenance schedules, or sampling routines in the last five years? Please describe changes and impacts, if there are any.**

Ms. Waldrop recalls no changes in Buckroe Beach Park's change in O&M requirements. Buckroe Beach Park's O&M consists of an employee who "grooms" (drags) the beach sand almost daily. (Ms. Waldrop estimates 5 days/week.) The sand/beach 'grooming' is done with a machine that has prongs spaced narrowly enough that MD greater than 3-inches long, would be noticed. The drag is operated mainly to clean the beach of trash and only digs into the sand at 1 or 2-inches depth.

- 10. Have there been unexpected O&M difficulties or operational difficulties or costs at the Site due to MEC/MD, in the last five years? If so, please give details.**

Ms. Waldrop recalls no O&M or operational difficulties or high costs due to MEC/MD, in the last five years (November 2014 to the present, November 2019).

- 11. Do you feel well informed about munitions location instances and regular Buckroe Beach activities to prevent the location of military ordnance?**

Ms. Waldrop feels the beach going public are educated about the possibility of encountering MEC/MD at Buckroe Beach by the signs and people who are metal detecting are further made aware by viewing the USACE 'MEC' video. Ms. Waldrop also feels fairly informed about munitions location instances and regular Buckroe Beach activities to prevent the location of military ordnance. She feels that even though she is not informed of every instance a suspected MD object is found, she would be informed if a verified MD/MEC object were found.

- 12. Do you have any comments, suggestions, or recommendations regarding Buckroe Beach's management or operation?**

Ms. Waldrop does not have any comments, suggestions, or recommendations regarding Buckroe Beach's management or operation.

**13. Please write your contact information – name, title, address, phone # and e-mail.**

Lynn Waldrop, Buckroe Beach Park, Co-Manger  
330 South Resort Boulevard, Hampton, Virginia 23664  
Office (James T. Wilson Fishing Pier): (757) 727-1486  
LWaldrop@Hampton.gov



**Five-Year Review Questionnaire**  
**Buckroe Beach Hampton, VA**  
**Formerly Used Defense Site (FUDS) Site # C03VA1011**  
**Interview of Devlin Harris, Virginia Department of Environmental Quality Contact**

U.S. Army Corps of Engineers, Baltimore District is doing a Five-Year Review of Buckroe Beach. Part of the Five-Year Review process is to seek information on the remedy from interested parties, hence this questionnaire. There have been several (six) removal actions for Buckroe Beach soil/sand, at various depths for Munitions and Explosives of Concern (MEC). The remedy, given in the Decision Document (DD) of October 23, 2015 was Land Use Controls (LUC) such as warning signs, educational brochures, community outreach activities (website and presentations/training).

Please answer the questions below, for the period of this Five-Year Review [2015 to the present (November 2019)], for us. Mr. Harris was interviewed by phone on November 21, 2019, @ ~ 1300.

**1. What is your overall impression of the remedial action and Land Use Controls at Buckroe Beach?**

Mr. Harris feels the remedial actions, past and present are adequate and protective of human health and the environment.

**2. Have there been routine communications or activities (site inspections, reporting activities, etc.) conducted by your office regarding Buckroe Beach? If so, please give purpose and results.**

Mr. Harris has been the VADEQ project manager for Buckroe Beach for the past one year. But he was also involved with Buckroe Beach as a VADEQ representative when the removal actions occurred, 1990s – 2004. He stated that site inspections from VADEQ occur to inspect remedial actions: previously location and removal of munitions debris and now posting of signs and making brochures available.

**3. Do you feel that the land-use controls at Buckroe Beach, are adequately communicated to the public?**

Mr. Harris stated, "Yes. I do." He feels that land use controls have been adequately communicated to the public. There has been sufficient community outreach that the

public, is generally aware of the possibility of munitions and explosives of concern at Buckroe Beach.

**4. What effects have operations at Buckroe Beach, had on the surrounding community?**

Mr. Harris is not aware of any effects on the community surrounding Buckroe Beach, from Buckroe Beach operations.

**5. Are you aware of any community concerns regarding Buckroe Beach's, remedy or their administration? If so, please give details.**

Mr. Harris is not aware of any community concerns.

**6. Are you aware of any events, incidents, or activities at Buckroe Beach such as vandalism, trespassing or emergency responses from local authorities, since the last Five-Year Review of the Site? (This Five-Year Review's period is: October 2015 to October 2020.) If so, please give details.**

None that Mr. Harris is aware of.

**7. Have there been any complaints, violations, or other incidents related to Buckroe Beach requiring a response by VADEQ since the Decision Document was signed, October 23, 2015? If so, please give details of the events and results of the responses.**

None that Mr. Harris is aware of.

**8. What is the incidence data of Buckroe Beach visitors or personnel encountering military ordnance? Are there any trends that show that such incidents are increasing or decreasing?**

VADEQ does not keep data on incidents of Buckroe Beach visitors or personnel encountering military ordnance. However, one hears of such incidents in the Hampton Roads area only rarely and such incidents seem to be less frequent over the past few decades. [Mr. Harris was involved with Buckroe Beach as a VADEQ representative around the time of the removal actions (1990 – 2004), so his memory spans a long time frame.]

**9. Do you feel well informed about instances of munitions discovery and regular Buckroe Beach activities to prevent the location of military ordnance?**

Mr. Harris feels well informed about instances of munitions discovery, which are increasingly rare.

**10. Do you have any comments, suggestions, or recommendations regarding the management or operation of the Buckroe Beach?**

No particular suggestions or comments except that he approves of the level of communications between VADEQ and the government.

**11. Please fill in the parts of your contact information that are missing and change any incorrect information.**

Devlin Harris, Site Assessment Program Manager, Office of Remediation Programs  
Virginia Department of Environmental Quality (VADEQ)  
1111 East Main Street, Richmond, Virginia 23219  
Phone: 804-698-4226  
Devlin.Harris@DEQ.Virginia.gov

**Five-Year Review Questionnaire  
Buckroe Beach Hampton, VA  
Formerly Used Defense Site (FUDS) Site # C03VA1011  
Interview of Anthony Chittum, Battalion Chief,  
Hampton Division of Fire and Rescue**

U.S. Army Corps of Engineers (USACE), Baltimore District is doing a Five-Year Review of Buckroe Beach. Part of the Five-Year Review process is to seek information on the remedy from interested parties, hence this questionnaire. There have been six removal actions for Buckroe Beach soil/sand, at various depths for Munitions and Explosives of Concern (MEC). The remedy, given in the Decision Document of October 23, 2015 was Land Use Controls (LUC) such as warning signs, educational brochures, community outreach activities (video and presentations/ training).

Please answer the questions below, for the period of this Five-Year Review [2015 to the present (February 2020)], for us. Chief Chittum was interviewed by phone February 14, 2020 (4:58 pm – 5:08 pm).

**1. What is your overall impression of the project?**

When contacted about the CERCLA questionnaire and interview request for Buckroe Beach, Chief Chittum reviewed his records on Buckroe Beach calls about suspected MEC, in advance of this interview. He said that though people had called and been put through to the Hampton Fire Department, and his department had responded, none of the calls since 2006 resulted in finding MEC at Buckroe Beach. (Records from calls before 2006 are unavailable.)

**2. What effects have removal operations and the distribution of educational brochures and signs at Buckroe Beach, had on the surrounding community?**

Chief Chittum is aware that 'MEC Safety/advisory signs' are present at Buckroe Beach. He feels that the people more directly concerned with Buckroe Beach Park operations know more about the effect of the signs (and other educational efforts) on the surrounding community, than he.

**3. Do you feel that the land use controls and the dangers of munitions at Buckroe Beach, are adequately communicated to the public?**

Chief Chittum is aware that the 'MEC Safety/advisory signs' are present at Buckroe Beach. As to whether land use controls and the dangers of munitions are adequately communicated to the public, no particular comment. (Same answer as to Question 2.)

**4. Are you aware of any community concerns about Buckroe Beach operation and administration? If so, please give details.**

Chief Chittum said he was not aware of any community concerns about Buckroe Beach.

**5. Are you aware of any events, incidents, or activities at Buckroe Beach such as vandalism, trespassing or emergency responses from local authorities, in the last five years? (This Five-Year Review period is October 2015 to October 2020.) If so, please give details.**

Chief Chittum said that there were calls for service to Buckroe Beach requiring the Hampton Fire Department's response.

**6. What is the incidence data of Buckroe Beach visitors or personnel encountering military ordnance? Are there any trends that show that such incidents are increasing or decreasing?**

Same answer as to Question 1. Chief Chittum reviewed his records on Buckroe Beach calls about suspected MEC, in advance of this interview. The Hampton Fire Department has responded to calls of suspected MEC at Buckroe Beach, but since 2006 none of the calls have resulted in finding confirmed MEC at Buckroe Beach. (Records from calls before 2006 are unavailable.)

**7. Have there been any significant changes in the method of evaluation or disposal of suspected/actual MEC reports? Please describe changes and impacts, if there are any.**

Chief Chittum: No.

**8. Do you feel well informed about munitions location instances and regular Buckroe Beach activities to prevent the location of military ordnance?**

Chief Chittum feels that this is a question more for citizens going to Buckroe Beach to answer, rather than from those with the Hampton Fire Department point-of-view. Chief Chittum feels that people who find suspected MEC at Buckroe Beach know to call 911 and that they are transferred to the Hampton Fire Department.

**9. Do you have any comments, suggestions, or recommendations regarding Buckroe Beach's management of MEC/MD at the beach?**

Chief Chittum: No.

**10. Please fill in the parts of your contact information that are missing and change any incorrect information.**

Anthony Chittum, Battalion Chief  
Hampton Division of Fire and Rescue  
22 Lincoln Street  
Hampton, Virginia 23669  
757-727-6580  
[AChittum@Hampton.gov](mailto:AChittum@Hampton.gov)

# Appendix D

## Newspaper Notice For Five-Year Review



# Guide to SERVICES

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**Daily Press**

**Publication Date: 11/17/2019**

This E-Sheet(R) is provided as conclusive evidence that the ad appeared in Daily Press on the date and page indicated. You may not create derivative works, or in any way exploit or repurpose any content.

**Request for Proposals**

**NOTICE**  
The Suffolk Redevelopment and Housing Authority (SRHA) will accept Proposals for Professional Legal Services from firms experienced with providing legal services to housing and redevelopment Authorities until 3:00 p.m. local prevailing time, Monday, December 9, 2019 at 530 E. Pinner Street, Suffolk, Virginia 23434.

Copies of the Request for Proposals (RFP) identifying the scope of services and evaluation criteria is available and can be obtained through the Suffolk Redevelopment and Housing Authority website at [www.suffolkra.org](http://www.suffolkra.org) or from our Main Office at the address listed below. All questions must be in writing and can be addressed to Sherrynn Brown at [sbrown@suffolkra.org](mailto:sbrown@suffolkra.org).

Interested firms must submit one original and four (4) copies of their proposal package with all items listed on the schedule of submittal to:

Sherrynn Brown, Administrative Operations Director  
Suffolk Redevelopment and Housing Authority  
530 E. Pinner Street  
Suffolk, Virginia 23434  
11/17, 11/20/19 6513129

**Public Hearing**

**CITIZEN PARTICIPATION MEETING**  
**CITY OF NEWPORT NEWS 2020-2024 FIVE YEAR CONSOLIDATED HOUSING & COMMUNITY DEVELOPMENT PLAN**  
**2020-2021 ANNUAL ACTION PLAN & CITIZEN PARTICIPATION PLAN**

The City of Newport News is undertaking a Five-Year Consolidated Planning process and the development of an Annual Action Plan with respect to Housing, Community Planning and Development issues to determine the best use of resources to provide affordable housing, suitable living environments and expansion of economic job opportunities. Available resources include the Community Development Block Grant (CDBG) Entitlement Funds and the HOME Investment Partnerships Entitlement Funds.

The City is seeking citizen input regarding affordable housing needs, homeless/special needs housing and non-housing community development needs to be addressed with these resources. The City is sponsoring two (2) public meetings on the following dates:

- Tuesday, December 3, 2019 at 12 noon at Denbigh Community Center, Located at 15198 Warwick Blvd., Newport News, VA 23608.
- Thursday, December 5, 2019 at 6 p.m. at Brooks Crossing Innovation and Opportunity Center, Located at 550 30th Street, Newport News, VA 23607 (enter on Piggly Wiggly side of building).

Consolidated Housing and Community Development Funding may be used as follows:

CDBG will be used in accordance with the following HUD Broad National Objectives:

1. Activities that will benefit low and moderate income persons;
2. Activities that aid in the prevention or elimination of slums or blight; and
3. Activities that meet needs having a particular urgency.

HOME Funds will be used in accordance with the following major program activities:

1. Expanding the supply of decent, safe, sanitary and affordable housing;
2. Strengthening the ability of state and local governments to provide housing; and
3. Expanding the capacity of non-profit.

**Public Hearing**

it, community-based housing development organizations.

Requests for Community Development Block Grant financial assistance for 2020-2021 will be accepted at the office of the Newport News Redevelopment & Housing Authority (NNRHA) located at 227 27th Street, 3rd Floor, Newport News, VA 23607 or the Department of Development, at 2400 Washington Avenue, 3rd Floor, Newport News, VA 23607 through Monday, January 13, 2020 at 5 p.m. Application forms may be obtained online at [www.nnrha.com](http://www.nnrha.com), at the NNRHA office; via email ([athwell@nnrha.org](mailto:athwell@nnrha.org)) or by telephone request to Ms. Alicia Thornwell, Grants Administrator, at 757-928-2647.

All interested persons are invited to attend one of the public meetings at the above noted date, time and place for the purpose of expressing their views regarding the inclusion of activities in the Five Year Consolidated Plan and the 2020-2021 Annual Action Plan. If you cannot attend one of the above meetings, you can provide input by completing a survey online. For more information regarding the Consolidated Plan, please contact Priscilla Green via email at [greenpa@nnva.gov](mailto:greenpa@nnva.gov).

Persons requiring special accessibility accommodations in order to attend the December public meetings, should contact Ms. Thornwell at least three (3) days prior to the meetings at 757-928-2647 between the hours of 7 a.m. to 4 p.m. Monday through Friday.

Refreshments will be served.  
11/17/2019 6510125

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**BUCKROE BEACH FORMERLY USED DEFENSE SITE NOTIFICATION OF FIVE-YEAR REVIEW**

This Public Notice is to inform the community of the U. S. Army Corps of Engineers' (USACE) intent to conduct the 2020 Five-Year Review (FYR) for the Buckroe Beach Formerly Used Defense Site (FUDS Project # C03VA1011 ), in Hampton, Virginia. It is being addressed under the Military Munitions Response Program (MMRP) as Munitions Response Site (MRS) C03VA101101.

Specifically, the FYR will determine if the remedy selected in the Decision Document (DD) for Buckroe Beach that was implemented to reduce risks to the human health and the environment is, and will continue to be, protective of human health and the environment. The Army is required to evaluate the protectiveness of the remedy at least every five years because the selected remedy has left hazardous substances, pollutants or contaminants remaining in the soil or groundwater.

Work Previously Completed: USACE contracted for six Munitions and Explosives of Concern (MEC) detection and removal efforts between 1990 and 2004. The 2014 Remedial Investigation/ Feasibility Study, found that sufficient MEC remained at Buckroe Beach to pose a low explosive safety risk. Because of this potential risk the DD, signed October 23, 2015, called for the establishment of Land Use Controls (signs and educational videos), to further reduce risk.

Contact Information: The date of completion of this 2020 Buckroe Beach FYR, Final is anticipated to be October 23, 2020. If you have any questions or comments about the FYR, or wish to view the Buckroe Beach DD, please contact the U. S. Army Corps of Engineers, 2 Hopkins Plaza, Baltimore, Maryland. US-ACE welcomes your comments and questions. The point of contact for further information is:

U.S. Army Corps of Engineers, Baltimore District  
Corporate Communications Office  
Attn: Chris Gardner, Public Affairs Specialist  
2 Hopkins Plaza, Room 10-F-22-CC  
Baltimore, MD 21201-2526  
Phone # (410) 962-2626  
Christopher.P.Gardner@usace.army.mil  
11/17/2019 6504858

**Public Hearing**

Requests for Community Development Block Grant financial assistance for 2020-2021 will be accepted at the office of the Newport News Redevelopment & Housing Authority (NNRHA) located at 227 27th Street, 3rd Floor, Newport News, VA 23607 or the Department of Development, at 2400 Washington Avenue, 3rd Floor, Newport News, VA 23607 through Monday, January 13, 2020 at 5 p.m. Application forms may be obtained online at [www.nnrha.com](http://www.nnrha.com), at the NNRHA office; via email ([athwell@nnrha.org](mailto:athwell@nnrha.org)) or by telephone request to Ms. Alicia Thornwell, Grants Administrator, at 757-928-2647.

All interested persons are invited to attend one of the public meetings at the above noted date, time and place for the purpose of expressing their views regarding the inclusion of activities in the Five Year Consolidated Plan and the 2020-2021 Annual Action Plan. If you cannot attend one of the above meetings, you can provide input by completing a survey online. For more information regarding the Consolidated Plan, please contact Priscilla Green via email at [greenpa@nnva.gov](mailto:greenpa@nnva.gov).

Persons requiring special accessibility accommodations in order to attend the December public meetings, should contact Ms. Thornwell at least three (3) days prior to the meetings at 757-928-2647 between the hours of 7 a.m. to 4 p.m. Monday through Friday.

Refreshments will be served.  
11/17/2019 6510125

**Public Auctions**

**ONLINE PUBLIC AUCTION AMERICAN CLASSIC STORAGE**  
Online auction to settle delinquent units. Units may be removed prior to auction. We reserve the right to refuse any bid. All sales will occur at LOCKERFOX.COM for the following location 906 Big Bethel Rd, Hampton, VA  
Auction Date & Time: Nov 21, 2019 10:00 AM  
Units to be sold: 0111, 0206, 0223, 0232, 0313, 0333, 0411, 0439, 0445, 0459, 0461, 0508, 0548, 0613, 0752, 0755, 0880, 0887, 0918, 0964, 1150.  
ALL SALES CASH ONLY  
11/17/2019 6512656

**Auctions**

**ABSOLUTE AUCTION**  
Bakery-Deli, meat room & Surplus supermarket equipment  
The Former FOOD LION STORE  
TUES, Nov 19th 10:30 AM  
1940 Laskin Rd.  
Virginia Beach, VA 23454

TERMS: CASH, CASHIER'S CHECK, OR CHECK WITH BANK LETTER, 10% BUYER'S PREMIUM, 13% BUYER'S PREMIUM W/ CREDIT CARD, 16% BUYER'S PREMIUM FOR ONLINE BIDDINGS  
Bid Online at: [www.Probid/sanfordsupermarket.com](http://www.Probid/sanfordsupermarket.com)  
Sale Manager: Sanford Supermarket Equipment LLC  
770-383-3380 Emerson, GA  
Auctioneer: Ben G Hudson Jr., VAAL #2905000870

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**BUCKROE BEACH FORMERLY USED DEFENSE SITE NOTIFICATION OF FIVE-YEAR REVIEW**

This Public Notice is to inform the community of the U. S. Army Corps of Engineers' (USACE) intent to conduct the 2020 Five-Year Review (FYR) for the Buckroe Beach Formerly Used Defense Site (FUDS Project # C03VA1011 ), in Hampton, Virginia. It is being addressed under the Military Munitions Response Program (MMRP) as Munitions Response Site (MRS) C03VA101101.

Specifically, the FYR will determine if the remedy selected in the Decision Document (DD) for Buckroe Beach that was implemented to reduce risks to the human health and the environment is, and will continue to be, protective of human health and the environment. The Army is required to evaluate the protectiveness of the remedy at least every five years because the selected remedy has left hazardous substances, pollutants or contaminants remaining in the soil or groundwater.

Work Previously Completed: USACE contracted for six Munitions and Explosives of Concern (MEC) detection and removal efforts between 1990 and 2004. The 2014 Remedial Investigation/ Feasibility Study, found that sufficient MEC remained at Buckroe Beach to pose a low explosive safety risk. Because of this potential risk the DD, signed October 23, 2015, called for the establishment of Land Use Controls (signs and educational videos), to further reduce risk.

Contact Information: The date of completion of this 2020 Buckroe Beach FYR, Final is anticipated to be October 23, 2020. If you have any questions or comments about the FYR, or wish to view the Buckroe Beach DD, please contact the U. S. Army Corps of Engineers, 2 Hopkins Plaza, Baltimore, Maryland. US-ACE welcomes your comments and questions. The point of contact for further information is:

U.S. Army Corps of Engineers, Baltimore District  
Corporate Communications Office  
Attn: Chris Gardner, Public Affairs Specialist  
2 Hopkins Plaza, Room 10-F-22-CC  
Baltimore, MD 21201-2526  
Phone # (410) 962-2626  
Christopher.P.Gardner@usace.army.mil  
11/17/2019 6504858

**Announcements**

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**Affidavit of Publication**

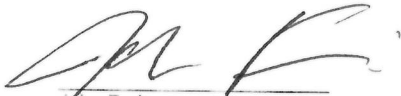
State of Illinois  
County of Cook

Order Number: 6504858  
Purchase Order:

This day, John Farina appeared before me and, after being duly sworn, made oath that:

- 1) He/she is affidavit clerk of Daily Press, a newspaper published by Daily Press, LLC in the city of Newport News and the state of Virginia
- 2) That the advertisement hereto annexed has been published in said newspaper on the dates stated below
- 3) The advertisement has been produced on the websites classifieds.pilotonline.com and <https://www.publicnoticevirginia.com>

Published on: **Nov 17, 2019.**

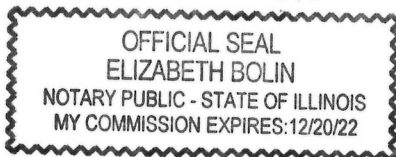
  
John Farina

Subscribed and sworn to before me in my city and state on the day and year aforesaid this 2<sup>nd</sup> day of Dec, 20 19.

My commission expires 12/20/22

Elizabeth Bolin

  
Signature of Notary





VIRGINIA  
MEDIA

**BUCKROE BEACH FORMERLY USED DEFENSE SITE NOTIFICATION  
OF FIVE-YEAR REVIEW**

This Public Notice is to inform the community of the U. S. Army Corps of Engineers' (USACE) intent to conduct the 2020 Five-Year Review (FYR) for the Buckroe Beach Formerly Used Defense Site (FUDS Project # C03VA1011 ), in Hampton, Virginia. It is being addressed under the Military Munitions Response Program (MMRP) as Munitions Response Site (MRS) C03VA101101.

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Contact Information: The date of completion of this 2020 Buckroe Beach FYR, Final is anticipated to be October 23, 2020. If you have any questions or comments about the FYR, or wish to view the Buckroe Beach DD, please contact the U. S. Army Corps of Engineers, 2 Hopkins Plaza, Baltimore, Maryland. US-ACE welcomes your comments and questions. The point of contact for further information is:

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Attn: Chris Gardner, Public Affairs Specialist  
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Baltimore, MD 21201-2526  
Phone # (410) 962-2626  
Christopher.P.Gardner@usace.army.mil  
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Appendix E  
Comments Received from Support Agencies  
and/or the Community

## Support Agency Comments

The 2020 Five-Year Review (FYR) for the Buckroe Beach Formerly Used Defense Site (FUDS Project # C03VA1011 ), in Hampton, Virginia was provided to Mr. Devlin Harris, Virginia Department of Environmental Quality (VADEQ) for review and comment by Mr. Brent Graybill, USACE Project Manager via email on May 26, 2020. VADEQ is the support agency for the Buckroe Beach FUDS. VADEQ comments were received from Mr. Harris via email on Monday, June 1, 2020. Mr. Harris' comments were addressed to Mr. Graybill. Mr. Harris stated VADEQ had only one comment:

*“Section 2.5-Status Implementation. This section mentions the observation of four signs (2 back to back pairs) at the entrance to the beach. However, in 2003 there were also two other signs (2 back to back pairs) that were observed during the Site Investigation at the South end of the beach. Apparently, these signs were not observed during this Site Inspection.*

*DEQ, recommends that any missing signs be replaced as soon as possible as part of the agreed upon Land Use Controls listed for the site. Additionally, signs should be maintained and in good order so that the public can stay informed.*

*This completes DEQ review of the First Five-Year Review Draft Buckroe Beach Formerly Used Defense Site (CO3VA1011).”*

USACE provided a response to VADEQ via an email dated June 15, 2020 from Ms. Deborah McKinley, Project Engineer, to Mr. Harris:

***“There appears to be some confusion among different documents regarding the number and location of signage at Buckroe Beach. Based on June 2020 email correspondence with Mr. Jim Seward, Buckroe Park Manager, there have only ever been two back to back signs (one sign on each side): one near the middle of the beach and one near the south end of the beach. There were never four individual back to back signs. The two back to back signs near the middle and the south end of the beach have always been in the same location. A new back to back sign will be installed at the north end of the beach as a prudent measure because people access the beach from the north end. USACE will coordinate with Mr. Seward regarding the exact location and eventual installation of the sign.”***

Ms. McKinley attached to the email a track changes MSWord document showing the report revisions that incorporated the information provided in the response. Mr. Harris responded in a

June 16, 2020 email to Mr. Graybill that he was in agreement with finalizing the 2020 FYR for Buckroe Beach as revised in response to his comment.

### Community Comments

A legal notice of the intent to conduct the 2020 FYR for the Buckroe FUDS was published in the Daily Press on November 17, 2019 (see Appendix D). The date of completion of the 2020 Buckroe Beach FYR, Final was provided as anticipated to be October 23, 2020. The community was advised that, if they had any questions or comments about the FYR, or wished to view the Buckroe Beach Decision Document, they should contact Chris Gardner, USACE Public Affairs Specialist. No comments were received from the community.