



DEPARTMENT OF THE ARMY
US ARMY CORPS OF ENGINEERS
SOUTH ATLANTIC DIVISION
60 FORSYTH STREET SW, ROOM 10M15
ATLANTA, GA 30303-8801

CESAD-PDM

28 April 2014

MEMORANDUM FOR COMMANDER, JACKSONVILLE DISTRICT (CESAJ-PM-M/
John Keiser)

SUBJECT: Approval of Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS) Revised Inventory Project Report (INPR) for Property No. I04FL0227, FORT TAYLOR, KEY WEST, FL

1. Reference memorandum, CESAJ-PM-M, 04 March 2014 and revised INPR, subject: Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS) Revised Inventory Project Report (INPR) for Property No. I04FL0227, FORT TAYLOR, KEY WEST, FL. The MMRP project I04FL022701 is the subject of this revision.
2. South Atlantic Division (SAD) approves the revised Inventory Project Report (INPR) to administratively revise the former MMRP project into Munitions Response Area (MRA)/Munitions Response Site (MRS) according to the definitions currently mandated by the Department of Defense (DoD) and implemented per USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation Guidance for FUDS MMRP Realignment v. 1.0.2, dated 1 October 2011. As such, the MMRP project will be delineated into two new MMRP project and a revision of the original MMRP as reportedly recommended in the Final Site Inspection Report, dated October 2008, and MMRP Project Realignment and Delineation Form of the referenced memorandum including the revised INPR.
3. Approval is based upon information from the Revised Inventory Project Report (INPR) for I04FL0227, FORT TAYLOR, KEY WEST, FL received from Jacksonville District (SAJ).
4. This revision does not change the basic footprint of the property or scope of the project. This revised INPR has been coordinated with the Florida Department of Environmental Protection (FDEP).
5. Overall project management of this property is the responsibility of SAJ. The SAJ Project Manager must update the DERP-FUDS database (FUDSMIS) to reflect this approval and follow procedures described in the FUDS Program Policy, ER 200-3-1.

CESAD-PDM

28 April 2014

SUBJECT: Approval of Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS) Revised Inventory Project Report (INPR) for Property No. I04FL0227, FORT TAYLOR, KEY WEST, FL

6. Questions concerning this action should be directed to the SAD DERP-FUDS Program Manager, Mr. Michael W. Riegert, CESAD-PDM, (404) 562-5230.

FOR THE COMMANDER:

Encl



TORKILD P. BRUNSO, P.E.
Chief of Military Integration
Division

CF:

COMMANDER, HQ USACE (CEMP-DE) (wo/encls)

COMMANDER, U S ARMY CORPS OF ENGINEERS ENVIRONMENTAL
and MUNITIONS, CENTER of EXPERTISE, PO BOX 1600,
HUNTSVILLE, AL 35807-4301 (wo/encls)

COMMANDER, U S ARMY CORPS OF ENGINEERS ENVIRONMENTAL
and MUNITIONS, CENTER of EXPERTISE, EMCX DOCUMENTATION,
616 CAPITOL AVE, SUITE 9200, OMAHA, NEBRASKA 68102 (w/encls)

COMMANDER, JACKSONVILLE DISTRICT (CESAJ-PM-M) (wo/encls)



DEPARTMENT OF THE ARMY
JACKSONVILLE DISTRICT CORPS OF ENGINEERS
701 San Marco Blvd.
Jacksonville, FL, 32207-8175

REPLY TO
ATTENTION OF:

27 FEB 2014

CESAJ-PM-M

MEMORANDUM FOR Commander, South Atlantic Division, ATTN: CESAD-PDM
(Michael Riegert), Room 10M15, 60 Forsyth Street, SW, Atlanta, GA 30303

SUBJECT: Defense Environmental Restoration Program - Formerly Used Defense
Sites (DERP-FUDS) Revised Inventory Project Report (INPR) for Property No.
I04FL0227, Fort Taylor, Key West, FL

1. This memorandum, including enclosures, comprises the revised INPR for the Military Munitions Response Program (MMRP) projects at the Fort Taylor. Enclosure 1 is the 2014 Revised Property Survey Summary Sheet. Enclosure 2 is the property map.
2. The Findings and Determination of Eligibility for this property was previously approved in 1991 and is included here as Enclosure 3. The property was determined to be eligible for inclusion into the FUDS Program. The MMRP project I04FL022701 is the subject of this revision.
3. This is primarily an administrative change to revise the former MMRP project into Munitions Response Area (MRA)/Munitions Response Site (MRS) definitions currently mandated by DoD. This revision is in accordance with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 01, 2011, to realign the existing MMRP project into separate MMRP projects as identified in the MMRP SI and accompanying MMRP Project Realignment and Delineation Form. Two new MMRP projects and a revision to the original MMRP project are proposed. Enclosure 4 contains the Project Summary Sheets for the existing revised and each proposed MMRP Project. Enclosure 5 is the completed MMRP Project Realignment and Delineation Form for your reference.
4. This revision does not change the basic footprint of the property or scope of the project and was performed in accordance with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011. The State of Florida was part of the technical project planning team which developed and reviewed the findings of the project site inspection report which contained these potential project revisions.

CESAJ-PM-M

SUBJECT: Defense Environmental Restoration Program - Formerly Used Defense Sites (DERP-FUDS) Revised Inventory Project Report (INPR) for Property No. I04FL0227, Fort Taylor, Key West, FL

5. I recommend that:

a. South Atlantic Division approve the revised and new MMRP Projects.

b. South Atlantic Division forward a copy of the approval memo and this revised INPR to the Environmental and Munitions Center of Expertise.

6. Please contact me directly if I can be of further assistance. Detailed information desired by your staff can be obtained by contacting the Project Manager, Mr. William Spence, (904) 232-3459.



MICHAEL A. ORNELLA
Chief, Military/Interagency and
International Services Branch

Encls

**REVISED
PROPERTY SURVEY SUMMARY SHEET
FOR
DERP-FUDS PROPERTY NO. I04FL0227
FORT TAYLOR
KEY WEST, MONROE County, FL
February 2014 (Revision Date)**

PROPERTY NAME: Fort Taylor

LOCATION: The Fort Taylor FUDS property is located in Key West, Florida on the western most tip of Key West. It is located in the vicinity of Latitude 24° 32' 48" North and Longitude 81° 48' 37" West in Florida Congressional District 18, US Environmental Protection Agency Region 4 and zip codes 33045, 33041, and 33040.

PROPERTY HISTORY: The original property was acquired in 1845 for the War Department to construct a harbor defense area for Key West. Subsequent acquisition, construction, and filling by the Department of the Army and the Department of the Navy brought the facility to its present acreage. This facility was a harbor defense location through the Civil War and the Spanish American War. It was transferred to the state of Florida in 1979.

PROPERTY VISIT: There have been several property visits conducted at Fort Taylor by USACE personnel as well as by government contractors.

CATEGORY OF HAZARDS: MMRP

PROJECT DESCRIPTION:

Project 01: MMRP - Interior Fort and Casements. Project 01 was approved 13 September 1991. This MMRP project is revised in accordance with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011, the information contained in the Site Inspection (SI) Report dated October 2008, and according to the MMRP Project Realignment and Delineation Form. Project 01 addresses the Interior Fort and Casements. The munitions known or suspected to have been disposed of or used within the Interior Fort and Casements MRS are 12-inch, AP, M1912; 12-inch, AP, M1913; 3-inch, HE, M1915; 90mm, HE, M71 and HE-T, M71A1; Civil War, 10-inch, Smoothbore Shot; Civil War, Projectiles, General; Civil War, Projectiles, Smoothbore; Civil War, Shell, Parrott; and 1.457-inch TP, Subcaliber. The SI field visit team observed MEC in the form of (27) 4-inch Parrott Rounds, (1) 6-inch Parrott Round, and (7) 5-inch Cannon Balls were noted within the Casements MRS. These items are in rooms under the fort walls and are not accessible by the public. In 2010 MEC items were removed from the MRS by an EOD Team from Patrick Air Force Base and destroyed near the beach adjacent to the fort. In SI surface

soil samples, lead was at concentrations greater than its human health screening value and lead, mercury, and zinc were detected above their respective ecological screening values.

Project 02: MMRP - Artillery Ranges - Land and Disposal Area. The original MMRP project, Project 01, is revised in accordance with the current Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011 and the information contained in the Site Inspection (SI) Report dated October 2008, and according to the MMRP Project Realignment and Delineation Form. As a result of MMRP realignment, Project 02 is added to address the Land and Disposal Area. Several fused Civil War-era projectiles were found and destroyed during 1989 excavation of the moat and a fused 3-inch Parrott Rifle projectile was recovered from the visitor walking trail located near the moat in 2007. World War II-era inert munitions reportedly occasionally wash ashore following large storms however the source of these munitions is not known. Munitions that contain fuzes and explosives may present an explosive threat if they remain at the MRS intact. Mercury was detected in SI surface soil samples at concentrations above background and the ecological screening value.

Project 03: MMRP - Artillery Ranges - Water. The original MMRP Project, Project 01, is revised in accordance with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011 and the information contained in the Site Inspection (SI) Report dated October 2008, and according to the MMRP Project Realignment and Delineation Form. As a result of the MMRP Realignment, Project 03 is added to address the Artillery Ranges - Water. There are no known targets for practice artillery firing based on historical research. The MRS may have been used by the Army during various periods of time from 1845 - 1947. Based on historical records there is no known use by the Navy from 1947 - 1979. Munitions that may be on this MRS include 12-inch, AP, M1912; 12-inch, AP, M1913; 3-inch, HE, M1915; 90mm, HE, M71 and HE-T, M71A1; Civil War, 10-inch, Smoothbore Shot; Civil War, Projectiles, General; Civil War, Projectiles, Smoothbore; Civil War, Shell, Parrott; and 1.457-inch TP, Subcaliber and mine-submarine. There have been no field studies at this MRS.

AVAILABLE STUDIES AND REPORTS:

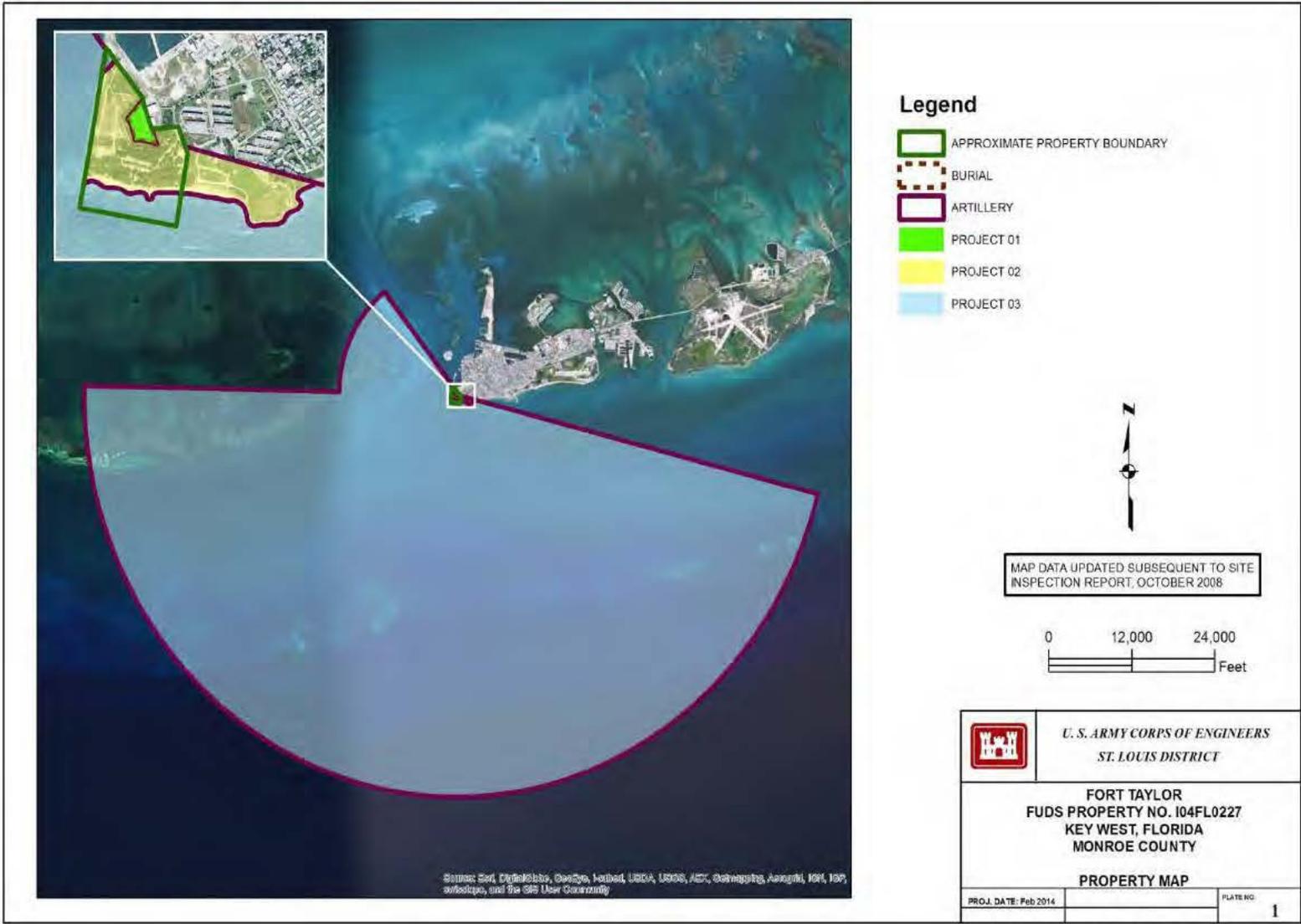
Final Archives Search Report (ASR) - January 1996

Final Site Inspection (SI) Report - October 2008

Reports and studies are available on the Project Information Retrieval System (PIRS) at <http://pirs.usace.army.mil/fuds/cfm>; Engineering Knowledge Online (EKO) Virtual teams at <https://eko.usace.army.mil/virtualteams/mmrp>; and the FUDS Management Database (FRMD) at <https://frmd/usace.army.mil/flip/app/index.cfm>.

POINT OF CONTACT: William Spence, Jacksonville District, (904) 232-3459

LEAD REGULATOR: Florida Department of Environmental Protection, Joe McGarrity,
(820) 245-8979



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DEFENSE ENVIRONMENTAL RESTORATION PROGRAM
FORMERLY USED DEFENSE SITES
FINDINGS AND DETERMINATION OF ELIGIBILITY
FORT ZACHARY TAYLOR
SITE NO. I04FL022700

FINDINGS OF FACT

1. Fort Zachary Taylor originally was comprised of 72.23 acres of public domain lands (fee) which was transferred in 1845 to the War Department for construction of a harbor defense site. In 1943, the United States acquired an additional 6.61 acres in fee by condemnation. Between 1909 and 1940, the Department of the Army filled 21.43 acres of submerged lands in or around the original reservation. The entire 100.27 acres acquired was transferred from the Department of War to the Department of the Navy between 1943 and 1947. The Department of the Navy filled additional acreage of submerged lands in or around the original reservation. The state of Florida filed a Disclaimer to title to those filled lands totaling 78.22 acres on 1 July 1968, 63.76 acres of which were within the boundaries of Fort Taylor. The entire Fort Taylor site after acquisition and filling comprised 164.03 acres, more or less.

2. On the old Fort Taylor site, the Department of the Army and Department of the Navy constructed approximately 86 buildings including warehouses, housing units, office buildings, water towers, fuel storage facilities, parking areas, administration buildings, and antennas. The old Fort Zachary Taylor, built in the late 1800's, was also located on this property.

3. Of the total of 164.03 acres acquired and filled for the Fort Taylor site, approximately 112.71 acres are still utilized and under the control of the Department of the Navy. Therefore, this 112.71 acres known as Truman Annex is not eligible for the Defense Environmental Restoration Program - Formerly Used Defense Sites established under 10 USC 2701, et seq. The other 51.32 acres were declared excess by the Department of the Navy in the early 1970's. GSA assigned the 51.32 acres to the Secretary of the Interior. By quitclaim deed, dated 7 October 1976, the Secretary of the Interior conveyed 38.00 acres to the state of Florida for public park purposes. This deed contained restrictions on the use and also included the recapture clause in the event of a national emergency and a reverter clause for breach of the restrictions. By quitclaim deed, dated 21 November 1979, the Secretary of the Interior conveyed 13.32 acres to the state of Florida for public park purposes. This acreage contained the old Fort Zachary Taylor, and the deed also contained restrictions including the recapture clause in the event of national emergency and the reverter clause for breach of restrictions. The state of Florida now operates a park and recreation area on the 51.32 acres.

SITE NO. I04FL022700

DETERMINATION

Based on the foregoing Findings of Fact, the site has been determined to be formerly used by the Department of Defense. It is therefore eligible for the Defense Environmental Restoration Program - Formerly Used Defense Sites established under 10 USC 2701, et seq.

10 June 91
DATE

for KRIC [Signature] LTC EN.
JOHN F. SOERKE
Major General, USA
Commanding

**REVISED PROJECT SUMMARY SHEET
FOR
DERP-FUDS MMRP PROJECT NO. I04FL022701
Property No. I04FL0227
Federal Facility ID Number: FL9799F4447
Interior Fort and Casements
FORT TAYLOR
Monroe County, FL
February 2014 (Revision Date)**

PROJECT DESCRIPTION: This MMRP project is revised in accordance with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011, the information contained in the Site Inspection (SI) Report dated October 2008, and according to the MMRP Project Realignment and Delineation Form. As a result of the MMRP Realignment, the original MMRP Project, I04FL022701, is now limited to the Munitions Response Site (MRS) identified as the Interior Fort and Casements/MRS 01M01. Although the description of this project is now limited to a specific geographic area, the integrity of the original project scope will be maintained by the combination of all MMRP project scopes.

The 3-acre Interior Fort and Casements MRS is located in Key West, Florida on the western most tip of Key West. The acreage was revised to add the interior of the fort and casements to the MRS.

Fort Taylor was built as a harbor defense location. Construction of the original fort spanned from 1845 to 1866. The original fort was built offshore and was connected to land via a bridge. Fort Taylor was not a training area. During the Civil War, the fort served as Union Army installation. Approximately 127 cannons were mounted at the fort at this time. During the Spanish-American War, the original fort was modernized and two batteries, Battery Osceola and Battery Adair, were constructed. Battery Osceola housed two 12-inch guns and Battery Adair housed four 3-inch guns. During modernization of the fort structure in 1898, the original casements were filled with sand, Civil War-period ordnance, weapons, and empty projectiles. Additional ordnance and weapons were disposed of over the fort walls into the ocean.

During WWI, Battery Osceola and Battery Adair were re-activated. Between the two World Wars, the guns of Battery Adair were removed. Two 90 mm antiaircraft guns were installed on Battery Adair during WWII. Also during WWII, the guns of Battery Osceola were removed. The munitions known or suspected to have been disposed of or used within the Interior Fort and Casements MRS are 12-inch, AP, M1912; 12-inch, AP, M1913; 3-inch, HE, M1915; 90mm, HE, M71 and HE-T, M71A1; Civil War, 10-inch, Smoothbore Shot; Civil War, Projectiles, General; Civil War, Projectiles, Smoothbore; Civil War, Shell, Parrott; and 1.457-inch TP, Subcaliber. In 1947, Fort Taylor was

transferred from the U.S. Army to the U.S. Navy and used as a salvage yard. There is no known certificate of clearance.

Ft. Taylor is owned by the state of Florida and is a National Historic State site visited annually by thousands of tourists.

Approximately 1 mile of qualitative reconnaissance was conducted at this MRS. The field visit team observed MEC in the form of (27) 4-inch Parrott Rounds, (1) 6-inch Parrott Round, and (7) 5-inch Cannon Balls were noted within the Casements MRS. These items are in rooms under the fort walls and are not accessible by the public. In 2010 MEC items were removed from the MRS by an EOD Team from Patrick Air Force Base and destroyed near the beach adjacent to the fort.

Four soil samples were collected at this MRS. Mercury and zinc were detected in the surface soil at concentrations less than the respective human health screening value. Lead was detected in the surface soil at concentrations greater than the respective human health screening value. The maximum detected concentrations of lead, mercury, and zinc exceeded the respective ecological screening values; therefore, the hazard quotients (HQs) were greater than one for the detected analytes. Specifically, the lead HQ was 35.6, the mercury HQ was 1.9, and the zinc HQ was 7.6.

PROJECT ELIGIBILITY: Property was under the jurisdiction of the Secretary and owned by, leased to, or otherwise possessed by the United States at the time of actions leading to contamination by hazardous substances. The property was transferred from DoD's control prior to 17 October 1986. The DoD is the only entity known to have conducted military activities on the MRS.

POLICY CONSIDERATIONS: This project is being revised to be consistent with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated 01 October 2011.

PROPOSED ACTIVITIES: Remedial Investigation/Feasibility Study (RI/FS) is recommended for this MRS.

POINT OF CONTACT: William Spence, Jacksonville District, (904) 232-3459

LEAD REGULATOR: Florida Department of Environmental Protection, Joe McGarrity, (820) 245-8979

**REVISED PROJECT SUMMARY SHEET
FOR
DERP-FUDS MMRP PROJECT NO. I04FL022702
Property No. I04FL0227
Federal Facility ID Number: FL9799F4447
Artillery Ranges - Land & Disposal Area
FORT TAYLOR
Monroe County, FL
February 2014 (Revision Date)**

PROJECT DESCRIPTION: The original MMRP project, Project 01, is revised in accordance with the current Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011 and the information contained in the Site Inspection (SI) Report dated October 2008, and according to the MMRP Project Realignment and Delineation Form. As a result of the MMRP Realignment, Project 02 is added to address the Artillery Ranges - Land & Disposal Areas/MRS 01M02. Although the description of this project is now limited to a specific geographic area, the integrity of the original project scope will be maintained by the combination of all MMRP project scopes.

The 61-acre Artillery Ranges - Land & Disposal Area (MRA ID 01M02) located at Ft. Zachary Taylor Historic Site is comprised of the former Disposal Area (MRA ID 01M02) and the land acreage of the former Range Complex No. 1 (MRA ID 01R01). The MRS was part of the ocean until it was filled-in by the Navy during the 1947 - 1966 timeframe from fill originating from the main shipping channel. The Navy owned this property from 1947 - 1979. It is unclear from historical documents what activities were conducted on this MRS during Navy ownership but it appears that there was dumping of various scrap materials on this MRS. This MRS was deeded from the Navy to the state of Florida as part of the Fort Zachary Taylor Historic Site in 1979.

Several fuzed Civil War-era projectiles were found and destroyed during 1989 excavation of the moat and a fuzed 3-inch Parrott Rifle projectile was recovered from the visitor walking trail located near the moat in 2007. World War II-era inert munitions reportedly occasionally wash ashore following large storms however the source of these munitions is not known. Munitions that contain fuzes and explosives may present an explosive threat if they remain at the MRS intact. Review of historical records did not find a certificate of clearance.

This MRS is owned by the state of Florida and is operated as a recreational area with picnic tables, beach, fishing, gift shop, hiking trails and concession booth.

Approximately 2 miles of qualitative reconnaissance was done during the 2008 SI and no MEC or MD was observed by the field visit team.

One biased surface water sample, biased sediment sample and three biased surface soil samples were collected at the MRS. Mercury was detected in the surface soil samples at concentrations greater than the maximum ambient concentration and the ecological screening value. Zinc was detected in the surface water sample but it does not have a background value and concentration did not exceed human health or ecological screening levels. MC was not detected in the sediment sample above background concentrations. Mercury was found as a contaminant on the adjacent naval property during the BRAC-related environmental investigation. It is possible there may be other sources for mercury besides the munitions at Fort Taylor.

PROJECT ELIGIBILITY: Property was under the jurisdiction of the Secretary and owned by, leased to, or otherwise possessed by the United States at the time of actions leading to contamination by hazardous substances. The property was transferred from DoD's control prior to 17 October 1986. The DoD is the only entity known to have conducted military activities on the MRS.

POLICY CONSIDERATIONS: This project is being created to be consistent with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated 01 October 2011.

PROPOSED ACTIVITIES: This project is recommended for Remedial Investigation/Feasibility Study (RI/FS).

POINT OF CONTACT: William Spence, Jacksonville District, (904) 232-3459

LEAD REGULATOR: Florida Department of Environmental Protection, Joe McGarrity, (820) 245-8979



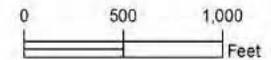
Source: Esri, DigitalGlobe, GeoEye, IGN, GeoEye, USDA, USDA, Aerial, GeoEye, GeoEye, IGN, GeoEye, and the USGS User Community

Legend

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 CENTROID
 UTM ZONE 17 (NAD 83)
 418171.2m E
 2715003.6m N
 24° 32' 48" N
 81° 48' 29" W
- 
 APPROXIMATE MRS BOUNDARY
 ACREAGE = 61 Ac
- 
 APPROXIMATE PROPERTY BOUNDARY



MAP DATA UPDATED SUBSEQUENT TO SITE INSPECTION REPORT, OCTOBER 2008



	U. S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT	
	FORT TAYLOR FUDS PROJECT NO. I04FL022702 MUNITIONS RESPONSE MAP	
ARTILLERY RANGES - LAND & DISPOSAL AREA		
PROJ. DATE: Feb 2014	MRS / MRA ID 02 / 01M02	

**REVISED PROJECT SUMMARY SHEET
FOR
DERP-FUDS MMRP PROJECT NO. I04FL022703
Property No. I04FL0227
Federal Facility ID Number: FL9799F4447
Artillery Ranges - Water
FORT TAYLOR
Monroe County, FL
February 2014 (Revision Date)**

PROJECT DESCRIPTION: The original MMRP Project, Project 01, is revised in accordance with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated October 1, 2011 and the information contained in the Site Inspection (SI) Report dated October 2008, and according to the MMRP Project Realignment and Delineation Form. As a result of the MMRP Realignment, Project 03 is added to address the Artillery Ranges - Water/01R01. Although the description of this project is now limited to a specific geographic area, the integrity of the original project scope will be maintained by the combination of all MMRP project scopes.

The 99,977-acre MRS reflects the range of the weapons used at Ft. Taylor and is in fact interlocking fields of fire. This MRS is a water range/impact area that is located offshore of the western most point of Key West, Florida. There are no known targets for practice artillery firing based on historical research. The MRS may have been used by the Army during various periods of time from 1845 - 1947. Based on historical records there is no known use by the Navy from 1947 - 1979. Munitions that may be on this MRS include 12-inch, AP, M1912; 12-inch, AP, M1913; 3-inch, HE, M1915; 90mm, HE, M71 and HE-T, M71A1; Civil War, 10-inch, Smoothbore Shot; Civil War, Projectiles, General; Civil War, Projectiles, Smoothbore; Civil War, Shell, Parrott; and 1.457-inch TP, Subcaliber and mine-submarine. There is no known certificate of clearance.

The MRS is currently owned by the federal government who claims jurisdiction out to 12 miles in these waters. Portions of the MRS are a federal shipping channel and part of the National Marine Sanctuary. The MRS is used for recreational boating, fishing, diving, commercial fishing and marine commerce.

There have been no field studies at this MRS.

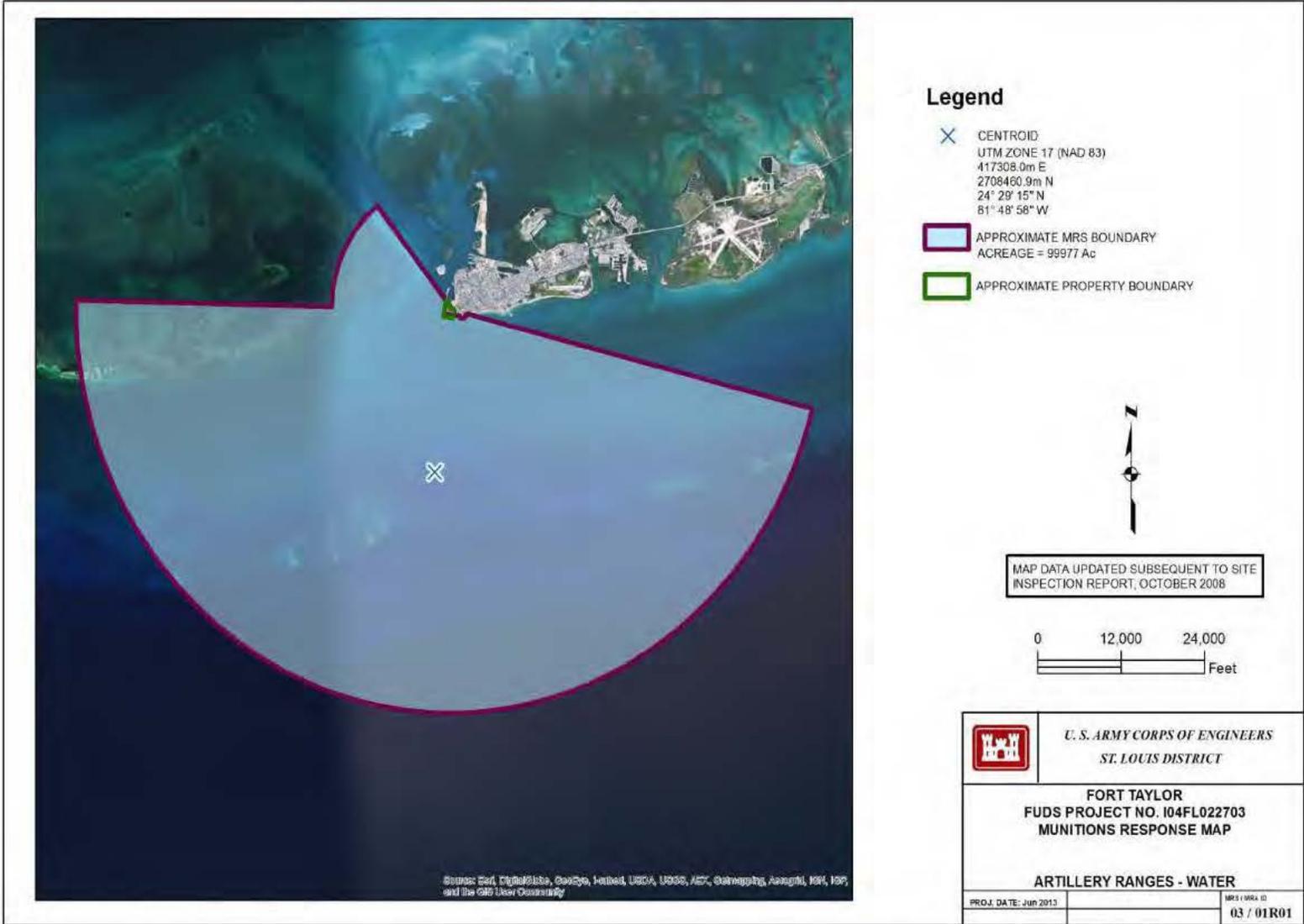
PROJECT ELIGIBILITY: Property was under the jurisdiction of the Secretary and owned by, leased to, or otherwise possessed by the United States at the time of actions leading to contamination by hazardous substances. The property was transferred from DoD's control prior to 17 October 1986. The DoD is the only entity known to have conducted military activities on the MRS.

POLICY CONSIDERATIONS: This project is being created to be consistent with the current USACE Handbook on Realignment, Delineation, and MRS Prioritization Protocol Implementation dated 01 October 2011.

PROPOSED ACTIVITIES: The MRS is recommended for Remedial Action/Feasibility Study (RI/FS) based on the potential for MEC to still be present on the MRS.

POINT OF CONTACT: William Spence, Jacksonville District, (904) 232-3459

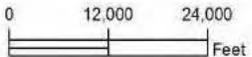
LEAD REGULATOR: Florida Department of Environmental Protection, Joe McGarrity, (820) 245-8979



Legend

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MAP DATA UPDATED SUBSEQUENT TO SITE INSPECTION REPORT, OCTOBER 2008



	U. S. ARMY CORPS OF ENGINEERS ST. LOUIS DISTRICT
FORT TAYLOR FUDS PROJECT NO. 104FL022703 MUNITIONS RESPONSE MAP	
ARTILLERY RANGES - WATER	
PROJ. DATE: Jun 2013	MRS / MRA ID 03 / 01R01

Source: Esri, DigitalGlobe, GeoEye, AeroVista, USDA, USDA, NPS, DeLorme, GeoEye, IGN, NAVTEQ, and the GIS User Community

MMRP PROJECT REALIGNMENT and DELINEATION FORM (PRDF)

FUDS Property Number: I04FL0227

FUDS Property Name: FORT TAYLOR

MMRP Project Phase: Site Inspection

FUDS PM District: CESAJ

MMDC: CEHNC

CURRENT FUDSMIS CONFIGURATION

PRE-REALIGNMENT

(Use this table for properties that have not been realigned and are in the Property→Project→MMR Area configuration)

Number of MMRP Projects: 1

Number of MMR Areas: 3

Proj. No.	Project Category	Project Name	MMR Area ID - MRS No.	MMR Area Name	MRS Score	Acres
1	01	BURIED ORDNANCE	I04FL022701M01-1	Casements	N/A	1
			I04FL022701M02-2	Disposal Area		7
			I04FL022701R01-3	Range Complex No. 1		100,361
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
					Total Acres	100,369

FUDS Property Number: I04FL0227

FUDS Property Name: FORT TAYLOR

CURRENT FUDSMIS CONFIGURATION

POST REALIGNMENT

(Use this table for properties that have been realigned and are in the Property→MRA→MRS configuration)

Number of MRAs:

Number of Projects / MRS:

	MRA ID	MRA Name	Proj. / MRS Number	Project Category	Project / MRS Name	MRS Score	Acres
1							
2							
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
						Total Acres	

(Add additional lines as needed - also explain all acreage changes on the last page)

FUDS Property Number: I04FL0227 FUDS Property Name: FORT TAYLOR

NEW MMRP PROJECT DESIGNATION RECOMMENDATION

Realignment or Delineation? Realignment Delineation

Realignment	Delineation
Number of MMR Areas (pre-realignment): 3	Number of MRAs (pre-delineation):
Number of MRAs (post-realignment): 3	Number of MRAs (post-delineation):
Number of MMRP Projects (MRSs) (post-realignment): 3	Number of MMRP Projects (MRSs) (post delineation):
<i>(Default is one MMRP Project per MRA, if No is selected, complete justification on last page. Also explain all acreage differences between pre and post realignment on the last page)</i>	<i>(Default is same number of MRAs pre and post delineation. If combining MRAs, concurrence from HQUSACE is required. Also explain any acreage differences between pre and post delineation on the last page.)</i>

Default Selected?: YES NO Default Selected?: YES NO

#	Proj. / MRS Number	Project Category	Project / MRS Name	MRA ID	MRA Name	Next Phase	MEC	MC	Draft MRS Score	Acres
1	01	MMRP	Interior Fort and Casements	01M01	Interior Fort and Casements	RI/FS	Y	Y	3	3
2	02	MMRP	Artillery Ranges - Land & Disposal Area	01M02 (combined with a portion of 01R01)	Artillery Ranges - Land & Disposal Area	RI/FS	Y	Y	3	61
3	03	MMRP	Artillery Ranges - Water	01R01	Artillery Ranges - Water	RI/FS	Y	U	4	99,977
4										
5										
6										
7										
8										
9										
10										
11										
12										
13										
14										
15										
									Total Acres:	100,041

(Add additional lines as needed)

FUDS Property Number: I04FL0227		FUDS Property Name: FORT TAYLOR	
MMRP PROJECT DESIGNATION RECOMMENDATION AUTHORS			
FUDS District PM Name: William Spence		Org. Code: CESAJ-PM-M	Date: 19 February 2014
<p><u>Justification for MMRP Project Designation Recommendation:</u> <i>(Clear and convincing justification must be provided using the eight Modifying Criteria in the MMRP Project Splitting Policy - The eight modifying criteria are 1) Geographic Setting, 2) Anticipated Response, 3) Management Efficiency, 4) Land Use, 5) Stakeholder Input, 6) Risk Management, 7) Performance Goals, and 8) Project Complexity)</i></p> <p>Project/MRS 01 Interior Fort and Casements (MRA ID 01M01) – This MRS consists of the walls and interior areas of Fort Taylor. MEC in the form of 4-inch Parrott Rounds, one 6-inch Parrott Rounds and 5-inch cannonballs were found on the MRS during the SI field effort and remain intact onsite (within rooms closed to public access). These munitions contain fuzes and explosives which may present an explosive hazard if they remain at the MRS intact. Lead, mercury and zinc were detected in SI surface soil sampling above background level and ecological screening levels. Lead was detected above its human health screening value. An unacceptable risk to human health due to exposure to MC at the MRS may be present and cannot be ruled out for ecological receptors. Per the Final SI Report, further investigation of both MEC and MC is warranted.</p> <p>Project/MRS 02 Artillery Ranges – Land & Disposal Area (MRA ID 01M02) - This MRS is comprised of the former Disposal Area (MRA ID 01M02) and the land acreage of the former Range Complex No. 1 (MRA ID 01R01). They are combined based on management efficiency and anticipated response. No MEC or MD were observed during the SI field activities; however, several fuzed Civil War-era projectiles were found and destroyed during 1989 excavation of the moat and a fuzed 3-inch Parrott Rifle projectile was recovered from the visitor walking trail located near the moat. World War II-era inert munitions reportedly occasionally wash ashore following large storms. Munitions known to have been used at the MRS contain fuzes and explosives which may present an explosive threat if they remain at the MRS intact. Mercury was detected in SI surface soil sampling exceeding its ecological screening value. Per the Final SI Report, further investigation of both MEC and MC is warranted. There is no evidence that the coastal artillery or other armaments at the MRS were ever fired for training or other purposes.</p> <p>Project/MRS 03 – Artillery Ranges - Water (MRA ID 01R01) - This MRS is created to address potential future investigation of the water portion of the former Range Complex No. 1 (MRA ID 01R01). The SI field activities did not actively investigate this MRS. The MRS score is based on historic use of the ranges. Further investigation will be required to evaluate the MRS. The water range is not a training range and represents the maximum range of the artillery that was at Ft. Taylor. There is no evidence that the coastal artillery or other armaments at the MRS were ever fired for training or other purposes.</p>			
<p>Explanation of Acreage Changes</p> <p>MRS acreage has been revised due to the addition of the interior fort area within the casement walls (per District direction) and due to MRSs with overlapping boundaries. The acreage has also been updated to be consistent with the latest GIS data. As a result, the total MRS acreage is revised from 100,369 acres to 100,040 acres.</p>			