
INPR SUPPLEMENT

INSTALLATION NAME: WAIKANE TRAINING AREA

FFID: HI9799F4074

FUDS PROPERTY NUMBER: H09HI0354

TOTAL PROPERTY ACREAGE: 1061

MSC: Pacific Ocean Division - 41505
WAIKANE, HI

POC for this data:

Robert Hoffman, Rock Island District

Phone: 309-794-5504

Email: robert.e.hoffman@mvr02.usace.army.mil

DOES THE INSTALLATION HAVE ANY A/I RANGES? NO

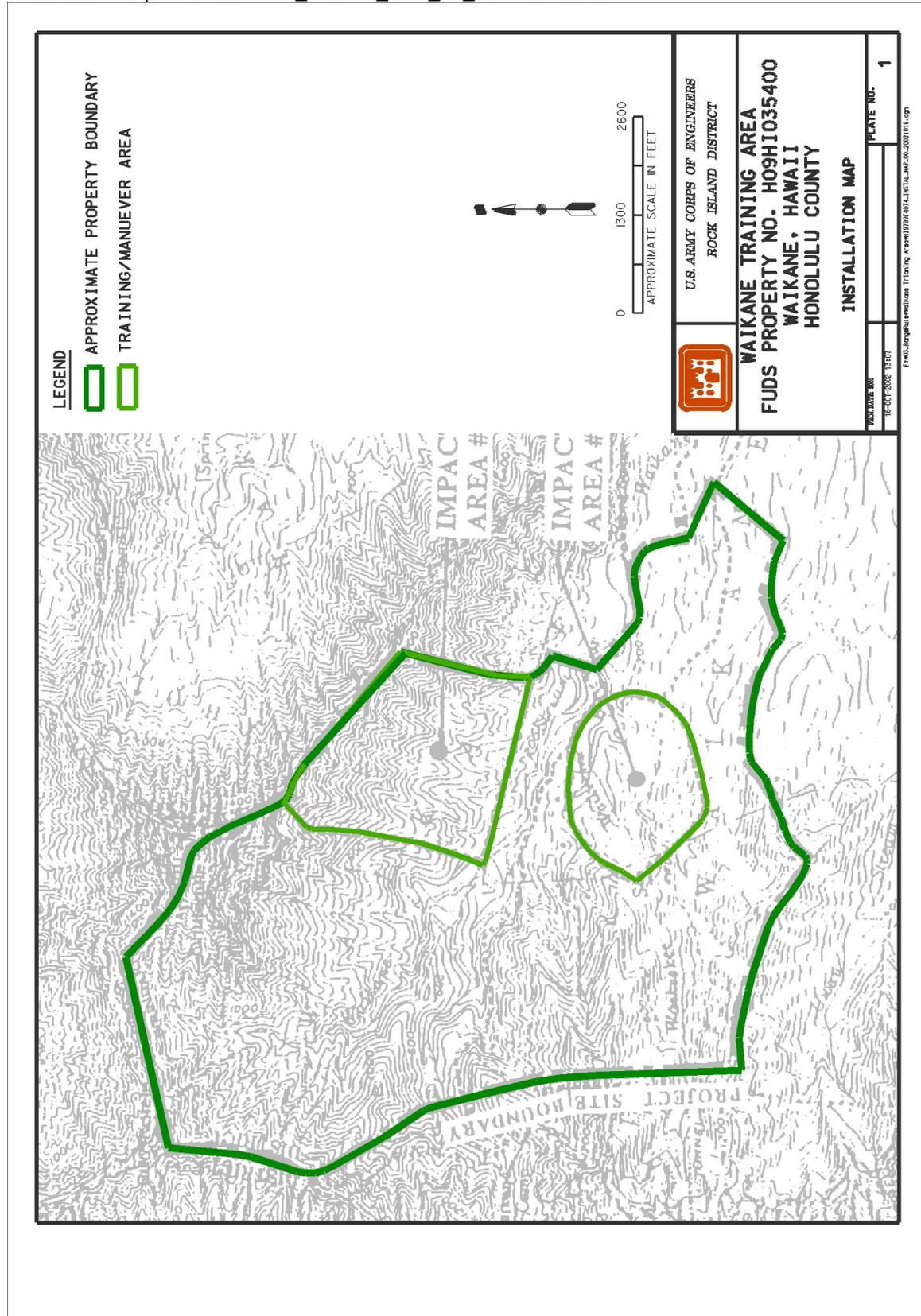
DOES THE INSTALLATION HAVE ANY CTT RANGES? YES

TYPES OF MUNITIONS USED ON THIS INSTALLATION: Conventional

INFORMATION IN THIS SUPPLEMENT WAS GATHERED FROM THE: INPR

MMR AREA SUMMARY						
PROJECT No.	PLATE No.	RANGE NAME	SUB-RANGE NAME	ACREAGE	AARS AOC	RMIS RANGE ID
01	R01	Training Area No. 1		131	A	H09HI035401R01
01	R02	Training Area No. 2		77	A	H09HI035401R02

Installation Map: HI9799F4074_INSTAL_MAP_00_20021016.JPG



INSTALLATION NAME
WAIKANE TRAINING AREA
WAIKANE, HI

FUDS PROJECT
H09HI035401 -

PROJECT COMMENTS: In 1942, the Department of the Army entered into a lease with the McCandless heirs and Waiahole Water Company for the right to use approximately 1061 acres in Waikane Valley for advanced warfare training due to the valley's geographic location and rugged terrain. Authorization for the Army to use the valley continued until July 1953 when the Marine Corps was substituted as lessee. The lease was extended until the end of June 1961 at which time the Marine Corps again renewed its lease with McCandless Estate trustees and Waiahole Water Company. Lease Nom 72376 was, however, revised to also include Charles M. Kamaka, et al. as a named lessor following quiet title and partition of the McCandless Estate property, which granted a portion of land to Kamaka family heirs. In 1975, McCandless Estate and Kamaka family heirs elected to terminate their lease as of July 1976. Waikane Valley was used as training and artillery impact area and all weapons, with the exception of tracer ammunition and incendiary shells, in excess of .50 caliber were fired into designated impact areas in the valley. In 1989, the US initiated condemnation proceedings against Kamaka et al. to acquire a 187.356-acre parcel. Said parcel was condemned in June 1993 citing the necessity for public safety due to the lack of technology to locate and absolutely eliminate the danger of unexploded ordnance thereon. Therefore, of the 1061-acre Waikane Training Area, only 873.644 acres are considered eligible under DERP-FUDS.

MMR AREA NAME: Training Area No. 1

RMIS Range ID: H09HI035401R01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
TRAINING AREA/MANEUVER AREA	1942	1976	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Residential - Single Family	1976	N/A
Undeveloped	1976	N/A

ACREAGE:

Land:	131
Tidal Water:	0
Inland Water:	0
Total:	131
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	131
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	A
RAC Score:	1

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: This training area did not overlap any other ranges. Current use included support to residential dwellings with a portion left uninhabited due to an existing OEW hazard .

COMMENTS: The range layout for this training area was taken from historical documents and was used as a training and artillery impact area. All weapons, with the exception of tracer ammunition and incendiary shells, in excess of .50 caliber were fired into designated impact areas in the valley. This area was most likely a large site used to train units in live fire exercises, unit maneuvers, simulation engagements, and Army Training and Evaluation Program (ARTEP) tasks without troops.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? Yes - 1.
 7 May 1944 when a purported 60-mm mortar found by three boys in Waikane Valley killed one, injured the other two, and also killed an Army sentry when the round accidentally detonated as the fatally injured boy was handing it to the sentry.

2. 11 May 1963, three children were injured when a rifle grenade exploded after being thrown against a garage wall at their place of residence. The grenade was reportedly discovered in Waikane Valley and kept as a souvenir by one of the injured children.

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
RIFLE GRENADES, LIVE(CTT12)	M9A1, Rifle Grenade, Anti-Tank		
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	37mm, HE, M54		
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	75mm, How, HE, M41A1		
MORTARS, HE(CTT22)	60mm, HE, M49		
AERIAL ROCKETS (LIVE)(CTT26)	3.5-inch, Rocket, Aircraft, MK4		

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	LOCKED GATES	Description is not on file
A	SIGNS	Description is not on file
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
O	McCandless Estate		NO	NO
P	SMF Enterprises, Inc.		NO	NO

F United States of America NO NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Honolulu	HI	UNITED STATES
CT	Waikane	HI	UNITED STATES

SOIL TYPE: ROCK

TOPOGRAPHY: HEAVILY ROLLING

VEGETATION: BARREN OR LOW GRASS

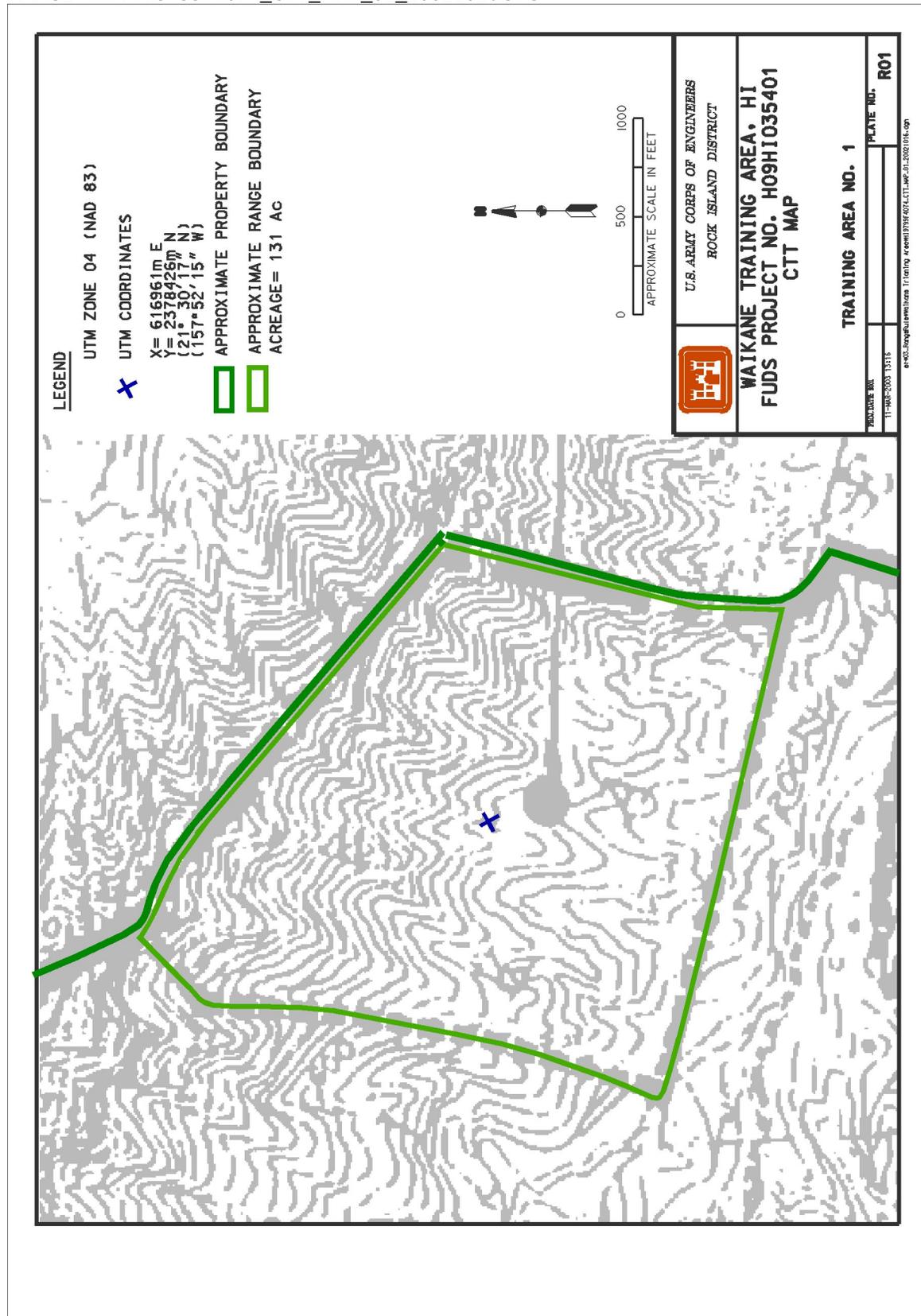
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 616961.00
UTM Y: (meters) 2378426.00
UTM ZONE: 04
Latitude: 21° 30' 16" N
Longitude: 157° 52' 14" W

RANGE MAP: HI9799F4074_CTT_MAP_01_20021016.JPG



MMR AREA NAME: Training Area No. 2

RMIS Range ID: H09HI035401R02

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
TRAINING AREA/MANEUVER AREA	1942	1976	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Undeveloped	1976	N/A

ACREAGE:

Land:	77
Tidal Water:	0
Inland Water:	0
Total:	77
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	77
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	A
RAC Score:	1

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: High explosive ordnance were fired into this area. This training area did not overlap any other ranges. Current use included support to residential dwellings with a portion left uninhabited due to an existing OEW hazard .

COMMENTS: The range layout for this training area was taken from historical documents and was used as a training and artillery impact area. All weapons, with the exception of tracer ammunition and incendiary shells, in excess of .50 caliber were fired into designated impact areas in the valley. This area was most likely a large site used to train units in live fire exercises, unit maneuvers, simulation engagements, and Army Training and Evaluation Program (ARTEP) tasks without troops.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? Yes - 1.
 7 May 1944 when a purported 60-mm mortar found by three boys in Waikane Valley killed one, injured the other two, and also killed an Army sentry when the round accidentally detonated as the fatally injured boy was handing it to the sentry.

2. 11 May 1963, three children were injured when a rifle grenade exploded after being thrown against a garage wall at their place of residence. The grenade was reportedly discovered in Waikane Valley and kept as a souvenir by one of the injured children.

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
RIFLE GRENADES, LIVE(CTT12)	M9A1, Rifle Grenade, Anti-Tank		
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	37mm, HE, M54		
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	75mm, How, HE, M41A1		
MORTARS, HE(CTT22)	60mm, HE, M49		
AERIAL ROCKETS (LIVE)(CTT26)	3.5-inch, Rocket, Aircraft, MK4		

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OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
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P	SMF Enterprises		NO	NO

F United States of America NO NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Honolulu	HI	UNITED STATES
CT	Waikane	HI	UNITED STATES

SOIL TYPE: ROCK

TOPOGRAPHY: HEAVILY ROLLING

VEGETATION: BARREN OR LOW GRASS

GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 616869.00
UTM Y: (meters) 2377555.00
UTM ZONE: 04
Latitude: 21° 29' 48" N
Longitude: 157° 52' 18" W

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