

EXP DATE: 8 DEC 14

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TRANSMITTAL, ACTION AND CONTROL

For use of this form see MCoE Memo 25-52; the proponent is SGS

1. SGS LOG:	2. IN SGS:	3. OUT SGS:	4. DATE PREPARED:
ES13129247	3 Dec 13	9 Dec 13	15 October 13

5. SUBJECT: U S ARMY MARKSMANSHIP UNIT RANGE SAFETY WAIVER, POOL RANGE

6. ACTION OFFICER/OFFICE SYMBOL/PHONE NUMBER:	7. DIRECTOR'S/COMMANDER'S SIGNATURE:
CPT Ryan A. Calhoun, USAMU/S3, 706-545-3510	Don A. King JR, LTC, SF, Commanding <i>DAKJ</i>

SIGNATURE APPROVAL INFORMATION

SGS DCofS GC CSM USAIS CSM USAARMS CSM MCoE CSM CDID
 GC CIG CG SA DCG-NG Comdt, IN School Comdt, AR School

1. PURPOSE: To obtain the MCOE Commanding General's approval for Pool Range Safety Waiver.

2. RECOMMENDATION: Commanding General signs the Pool Range Safety Waiver.

3. DISCUSSION:

REFERENCE: AR 385-63, Range Safety, 30 JAN 12. DA PAM 385-63, Range Safety, 30 JAN 12. TRADOC Regulation 385-2, TRADOC Safety Program, 06 DEC 11, MCoE Reg 350-19, Range and Terrain Reg, MAR 13.

a. Pool Range is a Known Distance training range used by the USAMU in which commands are given to control firing on a target point or testing weapons.

b. Risk management factors were considered in the development of the Range Safety Waiver. The residual risk level is marked as low.

c. The above reference (TRADOC REG 385-2) delegates waiver authority to General Officers commanding TRADOC installations to reduce dimensions of SDZ's when terrain, artificial barriers, other barriers or the controlling factors make smaller surface danger zones safe.

d. Enclosures are as follows: USAMU Range Safety Request, CG Range Safety Waiver, Map Depicting SDZ, Risk Management Worksheet.

SIL: Recurring annual waiver. No issues. Fully staffed & coordinated. Recommend Approval. 1/2 PAB

4. THIS DOCUMENT IS AUTHORED BY:

8. COORDINATION/APPROVAL

OFFICE	ACTION	NAME AND DATE	OFFICE	ACTION	NAME AND DATE
Range Div	Concur	Buss: on 15 Nov 13			
Safety	Concur w/c	Al. Edm 22 Nov 13			
DPTMS	Concur	W. M. 3 Dec 13			
G-3	Concur	GCATLMS 3 Dec 13			
03X0	Concur	W. H. Jones 22 Nov 13			

STAFF REMARKS: (Command Group Use Only)

APPROVAL AUTHORITY

APPROVED:

DISAPPROVED:

NOTED:



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
1 KARKER STREET
FORT BENNING, GEORGIA 31905-5000

9 DEC 2012

ATAL-SBM-X

MEMORANDUM FOR Director, Plans, Training, Mobilization and Security, U.S. Army
Garrison, Fort Benning, Georgia 31905

SUBJECT: Range Safety Waiver for Pool Range

1. References:

- a. AR 385-63, Range Safety, 30 Jan 12.
- b. DA PAM 385-63, Range Safety, 30 Jan 12.
- c. TRADOC Regulation 385-2, TRADOC Safety Program, 23 Jan 09.
- d. MCoE Regulation 350-19, Range and Terrain regulation, Mar 13.

2. Areas to be Waived:

a. Area #1: The small portion of Area A from Pool Range that covers a small portion of Hook Range. (enclosure 1)

b. Area #2: The portion of the Surface Danger Zone that extends across Sightseeing and Sunshine Roads, the Chattahoochee River and into the Alabama portion of Fort Benning. (enclosure 2)

c. The use of USAMU facilities by Military disabled, non-DoD disabled Civilians or Paralympics competitors during organized marksmanship events.

3. Controlling Factors:

a. Area #1: Targets are clearly marked with no obstructions. A concrete block wall separates Hook Range Complex from Pool Range.

b. Area #2: The angle of elevation from the gun barrel to the top of the target is less than one degree at 300 meters. This limits the maximum range to 4000 meters, which falls short of Sightseeing and Sunshine Roads, the Chattahoochee River and the Alabama portion of Fort Benning. Prior to all exercises, all personnel will observe right/left limits, overall range layout, target area, and a safety briefing.

ATAL-SBM-X

SUBJECT: Range Safety Waiver for Pool Range

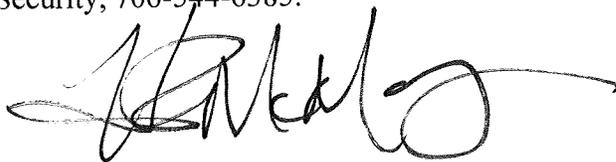
c. Military Disabled, Non-DoD Disabled Civilians or Paralympics Competitors will be under the direct supervision of the caregiver, USAMU personnel or certified range safety personnel while maintaining a safe operation and orientation of the firearm.

4. Under the provisions mentioned above the following areas are waived: the small portion of Area A from Pool Range that covers a small portion of Hook Range Complex. The portion of the Surface Danger Zone that extends across Sightseeing and Sunshine Roads, the Chattahoochee River and into the Alabama portion of Fort Benning. Military Disabled, Non-DoD Disabled Civilians or Paralympics Competitors are approved to use USAMU facilities.

5. Risk Management factors for this waiver is integrated in the unit's Risk Management Worksheet. The residual risk level is MODERATE.

6. This waiver is valid for the period of one year (12 months) from the date of this memorandum when used in conjunction with live fire range scenario and risk management worksheet. In the event of an accident arising from the use of the waived condition, this waiver becomes invalid until reinstated by this headquarters.

7. The point of contact is Mr. Brad Tesch, Operations Officer, Range Division, Directorate of Plans, Training, Mobilization, and Security, 706-544-6385.



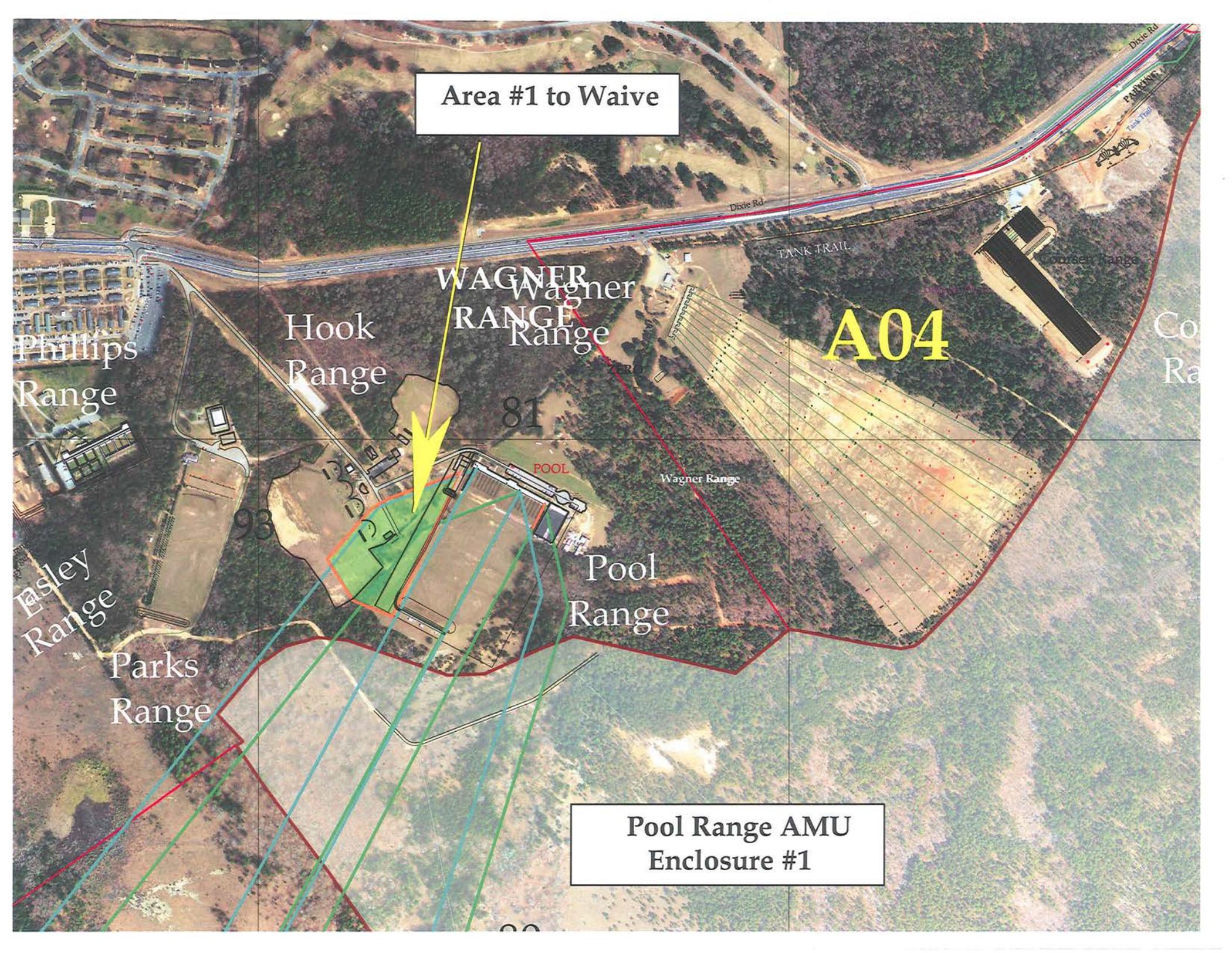
H. R. MCMASTER
Major General, USA
Commanding

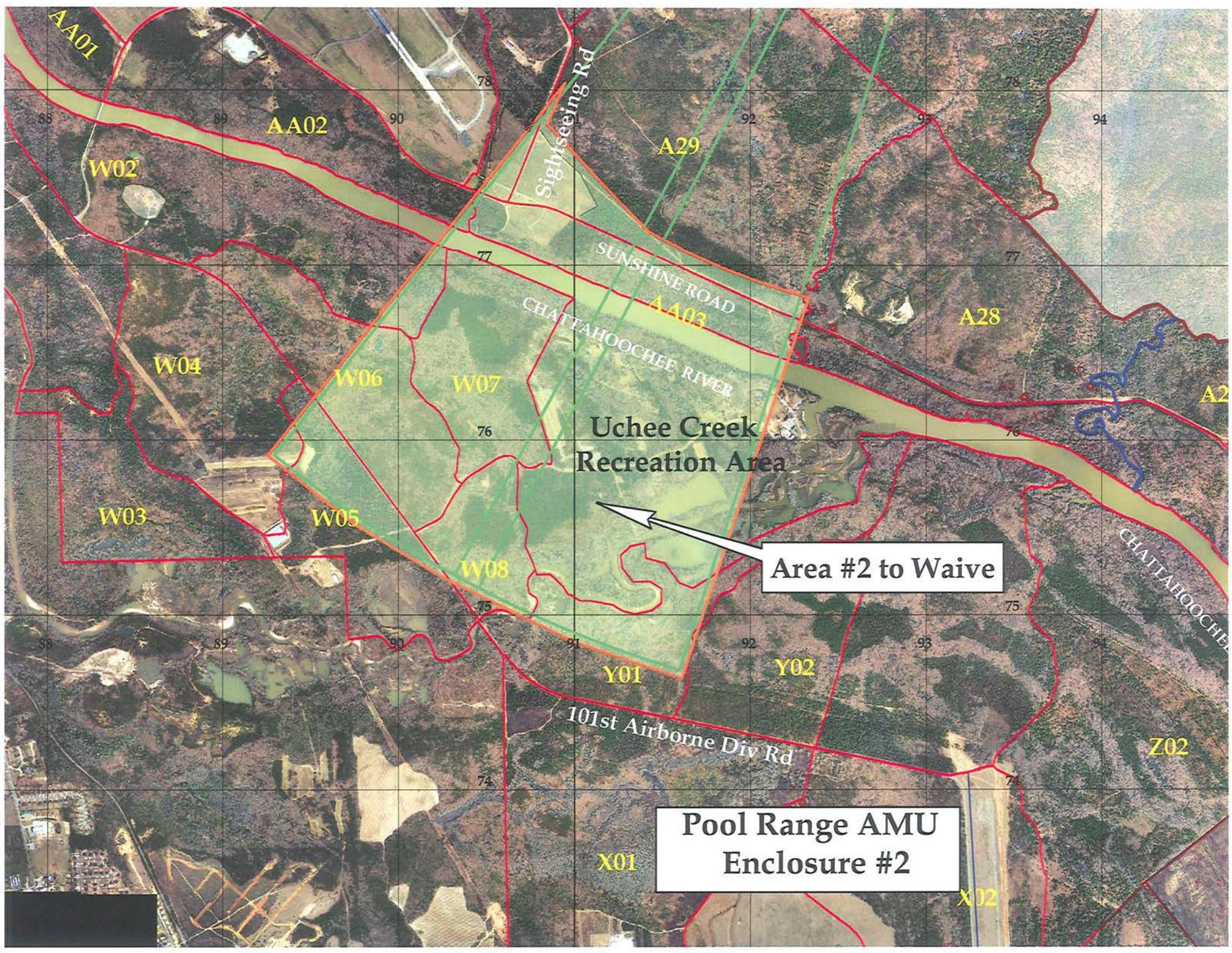
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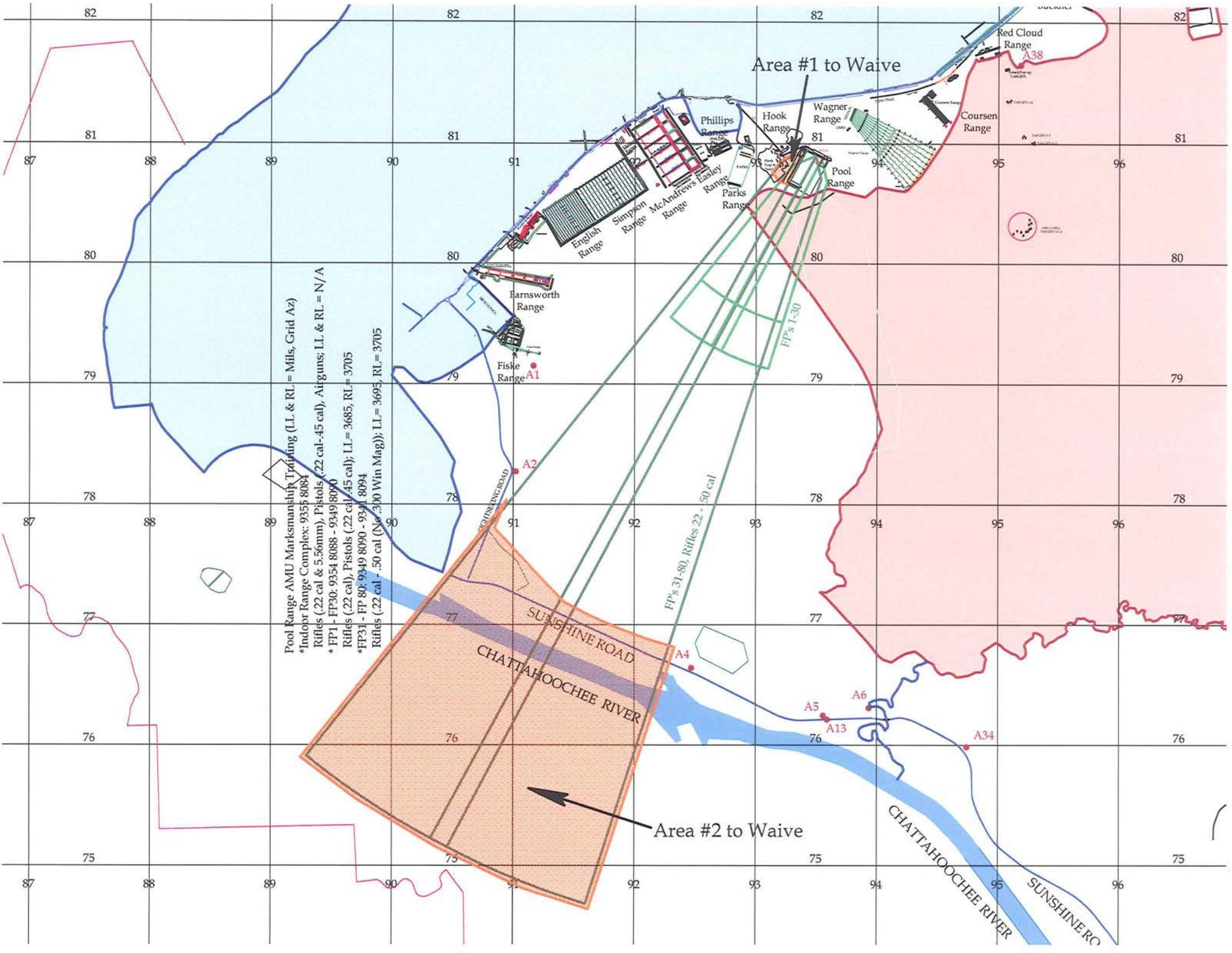
Area #1 to Waive

A04

Pool Range AMU
Enclosure #1







Pool Range AMU Marksmanship Training (LL & RL = Mills, Grid Az)
 *Indoor Range Complex: 9355 8084
 Rifles (.22 cal & 5.56mm), Pistols (.22 cal-.45 cal), Airguns; LL & RL = N/A
 *FP1 - FP30: 9354 8088 - 9349 8090
 Rifles (.22 cal), Pistols (.22 cal/.45 cal); LL = 3685, RL = 3705
 *FP31 - FP 80: 9349 8090 - 9334 8094
 Rifles (.22 cal - .50 cal (No 300 Win Mag)); LL = 3693, RL = 3705

Area #1 to Waive

Area #2 to Waive

SUNSHINE ROAD
CHATTAHOOCHEE RIVER

CHATTAHOOCHEE RIVER
SUNSHINERO

FP's 31-80, Rifles 22 - .50 cal

FP's 1-30



COMPOSITE RISK MANAGEMENT WORKSHEET

For use of this form, see FM 5-19; the proponent agency is TRADOC.

1. MSN/TASK Marksmanship Training/ Pool Range		2a. DTG BEGIN 20130610	2b. DTG END 20140609	3. DATE PREPARED (YYYYMMDD) 20130510			
4. PREPARED BY							
a. LAST NAME Craig		b. RANK SSG		c. POSITION USAMU PSG, International Rifle Section			
5. SUBTASK	6. HAZARDS	7. INITIAL RISK LEVEL	8. CONTROLS	9. RESIDUAL RISK LEVEL	10. HOW TO IMPLEMENT	11. HOW TO SUPERVISE (WHO)	12. WAS CONTROL EFFEC-TIVE?
Conduct Small Arms Training for Military personnel only.	Personnel injury due to accidental discharge of a weapon.	M	Weapons only loaded and unloaded on the firing line. Shooters extensively trained in Weapons and Range Safety. Weapons maintained to high standards and inspected daily.	L	IAW: Pool Range SOP USAMU SOP MCoE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training for Military personnel only.	Personnel injury due to accidental discharge of a weapon.	M	Range Officer and Range Safety Officer must complete Range Safety Class. Combat Lifesaver and bag on range. Eye and Hearing protection available and must be worn.	L	IAW: Pool Range SOP USAMU SOP MCoE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training for Military personnel only.	Personnel injury due to accidental discharge of a weapon.	M	All firing personnel will be supervised by designated RSO.	L	IAW: Pool Range SOP USAMU SOP MCoE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training for Military personnel only.	Unauthorized Personnel are downrange during firing	M	Range opened and closed with Range Control. Range flag and barricades in place during firing.	L	IAW: Pool Range SOP USAMU SOP MCoE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Conduct Small Arms Training for Military personnel only.	Unauthorized Personnel are downrange during firing	M	Cease Fire implemented if authorized personnel observed down range. 100% monitoring of the Range Control Radio.	L	IAW: Pool Range SOP USAMU SOP MCoE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Daily Risk Management Worksheet	General Range Hazards	M	OIC and RSO will brief all personnel firing on hazards listed on the Daily Risk Assessment Worksheet.	L	IAW: Pool Range SOP USAMU SOP MCoE Reg 350-19 AR 385-63 DA Pam 385-63	Range NCOIC RSO, OIC Line Safety Combat Lifesaver	
Additional space for entries in Items 5 through 11 is provided on Page 2.							
13. OVERALL RISK LEVEL AFTER CONTROLS ARE IMPLEMENTED (Check one)							
<input checked="" type="checkbox"/> LOW <input type="checkbox"/> MODERATE <input type="checkbox"/> HIGH <input type="checkbox"/> EXTREMELY HIGH							
14. RISK DECISION AUTHORITY							
a. LAST NAME King		b. RANK LTC		c. DUTY POSITION USAMU Commander		d. SIGNATURE KING.DON.ALEX.JR.1026262889	



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 8/5/2013

EMD Number: 1321820 **Project#:** Unknown **Project Title:** IMLC Training on different methods of engagement using the M252 81mm Mortar System

Description of proposed action:

During WM1D41, Students will receive training on various methods of engagement using the M252 81MM Mortar system. All training will be conducted at a static location on the range. Students will also conduct live fire exercises. Ammunition to be fired for the 81MM Mortar; M374, M821, M889, M889A2 HE and the ILL M853

Project Location: FP 207, FP 4 vic Cactus Range **Amount, Description, Location of Disturbance/Digging:** None

Number of Personnel: 220 **Type of Ammunition:** HE, ILLUM FOR 81MM MORTARS Live **Number/Types of Trees:** None

Size of Project Area: **Duration of Action:** Start: 10/1/2013 Stop: 9/30/2014

Proponent: christopher.m.morse 706-545-8594 **Organization/Unit:** B/2-29 IN

Number/Types of Vehicles:

Number of vehicles:20
Types of vehicles: Mortar Stryker vehicle; LMTV, FMTV, HUMMWV, GOVERNMENT VEH, WATER BUFFALO
No-Vehicles will be going off road.

DECISION: Concur with conditions

This Action is adequately covered in the Existing EA titled: 'Ongoing Mission and siting Activities, USAIC, FT. Benning, GA.'

(NA): Training involving LIVE FIRE and tracked vehicles has NO CATEX -- "Ongoing Mission and Siting Activities, USAIC, Ft. Benning, GA."

REC APPROVED THROUGH 30 SEPTEMBER, 2014

Natural Resources - RCW **Conditions:** Michael Barron (706 544 7080), 8/6/2013

See attached conditions. Note locations of red-cockaded woodpeckers (RCW) and gopher tortoises on attached maps. Training restrictions apply. Unit commanders must make sure that all troops know the locations of restricted areas and understand these training restrictions. This is imperative since night training may occur. Boundaries are often hard to see at night, but this is no excuse for violations to occur. Two hour time restriction is for 2 hours once every 24 hour period. Note where digging may not occur. All trenches, fighting positions, etc must be filled in prior to leaving an area. There must be no cutting down or intentional destruction of any pine trees throughout the requested area(s).

Noise **Conditions:** Ellis Leeder (706 545 2400), 8/7/2013

This is training operations that must be conducted. If there is any noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding no fly zones. Please follow good smoke management practices not allowing smoke or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved sites. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19

EMD Number: 1321820

IJO# Unknown

Project Title: IMLC Training on different methods of engagement using the M252 81mm Mortar System

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/8/2013

Appropriate precautions must be taken to prevent hazardous material spills. Have adequate quantities of spill response supplies on hand. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan. Contain and clean up spill according to guidance provided by the Environmental Protection Management Branch. Any waste generated must undergo a waste stream analysis to determine appropriate management requirements. If any hazardous waste is generated it must be managed in accordance with Federal, State, Army and Fort Benning regulations.

Defective, misfired, or otherwise unserviceable munitions must be managed IAW/MCOE Reg.350-19-5-10, Para 9-2 (Proper management of Misfired munitions). All excess, munitions must be returned to the Ammunition Supply Point after the field exercise is completed. A dud shall not be removed from the range; it will be marked, called into range control and will be properly disposed of by EOD personnel IAW/MCOE Reg. 350-19, 23 Jul 2010.

Rubbish, empty containers and other waste (including used smoke/C2 canisters) should be removed from the training area after the training is completed. Contact EPMB for detailed information on the proper disposal of waste products resulting from the exercise. Contact POC below for any questions or additional guidance.

CWA - Training

Conditions:

Jessica Taylor (706 604 4572), 8/8/2013

Environmental Review: Caution within training areas and motor pools should be taken to protect all nearby waterways (including perennial, intermittent streams and wetlands); as well as ground surfaces and any other sensitive areas in the vicinity of the training areas. Potential spills/releases from this activity that may occur before and/or during the FTX include: 1. Discharge and/or improperly disposal of oil or hazardous substances into or upon land, water, or into ground water areas from storage, handling and/or transportation of hazardous materials/waste; 2. Vehicle/equipment/generators leaks; 3. Fuel loading/unloading/refueling operations; 4. Field mess facilities/equipment/operations, and/or 5. Ammunitions /explosives (as applicable, before and/or during the FTX).

General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activities and hazardous material/waste storage. Locate all refueling operations and storage of hazardous materials/waste away from waterways and sensitive areas. See attached section on prevention procedures and CHECKlist (Example Unit/Activity SOP for Training and Deployment) to be used during training exercise to comply with SPCC plan requirements. Ensure all wastewater from field mess equipment/operations particularly those involving oil/grease are collected and dispose properly. Do not discharge any wastewater into storm drains or dispose of oil/grease waste directly into land.

General ISCP Requirements: In the event of a spill/dischage -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained -- REACT to minimize spill damages. Submit a spill report to the EPMB Spill Program Manager (use Spill Response Report attached). All spills reaching navigable water must be reported immediately. The unit is responsible for the final cleanup of any spill during this exercise. Coordination with this office is required for clearance of the site.

Cultural Resources - Archeological

None

Edward Howard (706 545 1898), 8/9/2013

Signature *John E Brown*
for / John E Brown
NEPA Program Manager
Date 16 Aug 2013

Signature *Christopher E. Hamilton*
Christopher E. Hamilton, PhD
EPMB Chief
Date 19 Aug 13



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 8/19/2013

EMD Number: 1323109

Project#: Unknown

Project Title: USAMU Ranges and Training Areas

Description of proposed action:

Personnel will train and compete by firing live fire ammunition at ranges of 7-1000 yards into known and unknown distances into the impact areas.

Project Location:

Easley, McAndrews, Shelton, Phillips, Parks, Hook Range Complex, Pool Range Complex, Maertens, Krilling, Wagner, Malone 5, Malone 12, Malone 18

Amount, Description, Location of Disturbance/Digging:

None

Number of Personnel:

200

Type of Ammunition:

.22-.50 CAL Live

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 10/1/2013 Stop: 9/30/2014

Proponent: Michael Buss

545-7174

Organization/Unit: USAMU

Number/Types of Vehicles:

Number of vehicles: 100

Types of vehicles: GOV/POV

Yes-Vehicles will be going off road.

What type of vehicles will be going off road: ALL

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DECISION: Concur with conditions

This Action is adequately covered in the Existing EA titled: 'Ongoing Mission and siting Activities, USAIC, FT. Benning, GA.'

(NA): Training involving LIVE FIRE and tracked vehicles has NO CATEX -- "Ongoing Mission and Siting Activities, USAIC, Ft. Benning, GA."

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REC APPROVED THROUGH 30 SEPTEMBER, 2014

Noise

Conditions:

Ellis Leeder (706 545 2400), 8/20/2013

This is training operations request for training. If there is any operational noise complaints received, the Environmental Management Division Installation Operational Noise Monitoring Program (IONMP) and or Public Affairs Office (PAO) programs will investigate and then recommending operational noise mitigation actions to the appropriate personnel for the training actions. In accordance with the Army's policy on environmental noise management, all efforts shall be made to minimize noise annoyances to the highest extent practicable with training operations without interfering with the proposed missions. Please follow the fly friendly program avoiding noise abatement areas. Please follow good smoke management practices not allowing smoke or dust to travel off Installation boundary into public areas or roads. Please increase distance between vehicles when dust conditions are extreme, see Table 5-3. CS gas use should be utilized in designated areas only, contact Range Control for a listing of approved CS gas sites. Please visit the Range Operations website to obtain a list of approved weapons per Range or Firing Points. . Leave the training areas, firing range, latrines in a clean condition; contact Range Operations if unclean conditions are found or clean up costs or cleaning endeavors by proponent could occur to last user. If any assistance or a copy of MCoE Regulation 350-19 or the IONMP noise plan is needed for review, please feel free to contact Ellis Leeder at 706.545.2400 or email ellis.p.leeder.civ@mail.mil or visit the Range Control Website for the updated version of MCoE Regulation 350-19, range guidance and other materials for your range packet. This 144r must be present at the training site when occupying compartment or ranges.

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/19/2013

Ensure personnel know the correct procedure for handling misfires at the range:

- 1. Closed containers (ammunition can marked 'MISFIRES") will be used for the collection of misfires at each firing range.

- The MISFIRE container will stay closed except to add or remove misfires.
- Misfires SHALL NOT BE COLLECTED in any open container or cardboard box.

- 2. Ensure that all containers for collection of patches and swaps are kept closed unless weapons cleaning products are being added. Contact EPMB for detailed information on the proper disposal of waste products resulting from the training.

CWA - Training

Conditions:

Jessica Taylor (706 604 4572), 8/19/2013

Environmental Review: Caution within training areas and motor pools should be taken to protect all nearby waterways (including perennial, intermittent streams and wetlands); as well as ground surfaces and any other sensitive areas in the vicinity of the training areas. Potential spills/releases from this activity that may occur before and/or during the FTX include: 1. Discharge and/or improperly disposal of oil or hazardous substances into or upon land, water, or into ground water areas from storage, handling and/or transportation of hazardous materials/waste; 2. Vehicle/equipment/generators leaks; 3. Fuel loading/unloading/refueling operations; 4. Field mess facilities/equipment/operations, and/or 5. Ammunitions /explosives (as applicable, before and/or during the FTX).

General SPCC Requirements: Ensure all hazardous materials are properly storage to prevent spill/discharges, to meet safety requirements for storage, and that containers are not exposed to the weather. Have adequate spill response supplies available during exercise for any spills that may likely occur. Use drip pans under vehicles and provide secondary containment for any fueling activities and hazardous material/waste storage. Locate all refueling operations and storage of hazardous materials/waste away from waterways and sensitive areas. See attached section on prevention procedures and CHECKlist (Example Unit/Activity SOP for Training and Deployment) to be used during training exercise to comply with SPCC plan requirements. Ensure all wastewater from field mess equipment/operations particularly those involving oil/grease are collected and dispose properly. Do not discharge any wastewater into storm drains or dispose of oil/grease waste directly into land.

General ISCP Requirements: In the event of a spill/discharge -- notify Range Control by radio or call 544-6291, and they will notify E-911 for Fire Department/HAZMAT Team assistance and/or notification of the EMD office (Spill Beeper 706-317-6584). As appropriate, and if personnel are trained – REACT to minimize spill damages. Submit a spill report to the EPMB Spill Program Manager (use Spill Response Report attached). All spills reaching navigable water must be reported immediately. The unit is responsible for the final cleanup of any spill during this exercise. Coordination with this office is required for clearance of the site.

Natural Resources - RCW

None

Michael Barron (706 544 7080), 8/19/2013

Signature John E Brown

John E Brown
NEPA Program Manager

Date 20 AUG 2013

Signature Christopher E. Hamilton

Christopher E. Hamilton, PhD
EPMB Chief

Date 21 Aug 13