

FIRING/NONFIRING DATA

Log # 4-6-13

For use of this form see USAIC Regulation 350-19; the proponent agency is DPTMS

TO: Chief, Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905	Date: 11APRIL2013 Range: F1-10, G1-8, H1-5, CAMP DARBY, ALL LZ/DZ/ INCLUDED Title: AMBUSH, DES CONSTRUCTION / USE (RB1R16 / RB1R26) Problem No:
THRU: TNB, DOT	FROM: S-3, 4TH RANGER TRAINING BATTALION

SECTION I, TYPE OF TRAINING

a. Live Fire
 b. Non-live Fire
 CP/Controller Coordinates: GA, 19457885 Darby PI/Camp Darby

SECTION II, DEMOLITIONS/GRENADES/MINES/PYROTECHNICS

Coordinates	Type	Model/DODAC	Size of Charges
F1-10, G1-8, H1-5, CAMP DARBY, ALL DZ/LZ/PZ INCLUDED	CORD, DET PETN NEW/FT	M456	1 EACH
	CAP, BLAST NON-ELEC 7.5 FT SHOCK TUBE XM/M14 MDI	MN06	7.5 FEET
	IGNITER, TIME BLAST FUSE XM/M81	MN08	1 EACH
	SIMULATOR, PROJ GRND BURST SIMULATOR, HAND GREN	L594 L601	1 EACH 1 EACH

SECTION III, WEAPONS/AMMUNITION REQUESTED

Coordinates of Weapons Position	Type Weapon/Model Number	Type Ammunition	Left Limit	Right Limit
F1-10, G1-8, H1-5, CAMP DARBY, ALL DZ/LZ/PZ INCLUDED	M-4	5.56 BLANK (A080)	N/A	N/A
	M-249	5.56 LINK BLANK (A075)	N/A	N/A
	M-240	7.62 LINK BLANK (A111)	N/A	N/A

SECTION IV, LIVE FIRE EXERCISES Attach the following:

SECTION V, NON-LIVE FIRE TRAINING

<input checked="" type="checkbox"/> Scenario of training to be conducted: <input checked="" type="checkbox"/> Sketch of area: <input checked="" type="checkbox"/> Risk Assessment: <input checked="" type="checkbox"/> Attach FB Form 350-19-2-E-R if Mortar or artillery is being fired:	Training area(s) to be occupied: <input type="checkbox"/> Scenario of training to be conducted: <input type="checkbox"/> Sketch of area(s) to be occupied: <input type="checkbox"/> Risk Assessment:
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Name/rank of requesting officer: Rande J. Henderson, SFC, 4TH RTB Resource NCOIC 	Name/rank of Major Unit S3/Commander: Derrick S. Draper, MAJ, 4TH RTB XO
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SECTION VI, FOR RANGE DIVISION USE

DATE: 11 APR 13

TO: 4TH Ranger Training Battalion 10850 Schneider Rd. Fort Benning, GA 31905	FROM: Range Division, Directorate of Plans, Training, Mobilization and Security Fort Benning, GA 31905
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a. Roadblocks to be closed: b. Road(s) to be closed/road barrier locations: c. Remarks: d. This approval expires: <i>Indef</i>	
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Chief, Range Division
Directorate of Plans, Training, Mobilization and Security



DEPARTMENT OF THE ARMY
RANGER TRAINING BRIGADE
10850 SCHNEIDER ROAD BLDG 5024
FORT BENNING, GEORGIA 31905-4166

REPLY TO
ATTENTION OF

ATSH-RBD

11 April 2013

MEMORANDUM FOR RECORD

SUBJECT: Concept for Enhanced Demolitions Training (RB1R16/RB1R26)

1. The following concept for the Ranger Training Battalion's Enhanced Demolitions Training.
2. Coordinated for through DOT on POI training. During the training, the Ranger Students will receive a class on the construction and ignition of the Demolitions Effects Simulator (DES) and will execute a practical exercise on employing the DES. The DES will consist of no more than 6 feet of Det-Cord (M456), no less than 1 minute of time fuse and 2 fuse igniters (MNO8) M81, and sand packed in a cardboard box will simulate the explosive. Upon completion of this training Ranger Students are certified to execute the initiation of the DES in support of graded ambush patrols by using the charge to destroy enemy equipment with this charge. A Ranger Instructor, E-6 or above, will always be in control and supervise the ignition of the DES by the Ranger Student.
3. Before the charge is set off during the training, all Ranger students will move 50 meters away from the Demo-site to a safe location. The Ranger instructor will ensure the correct ignition of the fuse and move immediately 50 meters (DES SDZ) away making sure no one walks up on the charge. Once the charge has been detonated, the Ranger Instructor and students will check the area for debris.
4. All Ranger Instructors receive a certification class on the construction and initiation of the DES prior to teaching Enhanced Demolitions (RB1R16/RB1R26) and walking the ambush patrols. The Ranger Instructor and Ranger Students will have eye protection, Army Combat Helmet (ACH), and Gloves will be utilized when handling the DES. Only Ranger Instructors will handle misfires and will ensure all personnel are outside of the danger area of (50 Meters for DES), Misfire Procedures will be handled in accordance with FM 5-250 by the Ranger Instructor.
5. In the event of an accident, injury or illness, the OIC/RSO will immediately call a cease fire then call 911 using the standard 9 Line MEDEVAC to determine what type of evacuation is the most appropriate for the injury (loss of life, limb or eyesight). MEDEVAC will be IAW MCoE Regulation 350-19 and USAIC 40-2. Landing zone for MEDEVAC aircraft will be established prior to use and will be marked appropriately. Range Control will be notified in this event. The cease fire will remain in effect until cleared through Range Control. An FLA with medical personnel will be onsite, Rogers Aid Station will be operational to receive critical emergencies and if the injury cannot be treated at the Rogers Aid Station, the injured person will be transported to MACH.
6. All personnel handling demolitions will be certified and receive safety briefings prior to execution of the training.

ATSH-RBD

SUBJECT: Concept for Enhanced Demolitions Training (RB1R16/RB1R26)

7. Communication Requirements: Unit will maintain continuous contact with Range Control at all times. If communications are lost the unit will go into a self induced check fire until communications are restored.

8. When an incident occurs on the range, regardless of injury or not, the OIC/RSO will immediately call a cease fire and report it to Range Control and the using unit's higher headquarters. OIC/RSO will take action as directed by Range Control. The cease fire will remain in effect until the problem is resolved and cleared through Range Control. If the incident results in an injury, the OIC/RSO will use the procedures outlined in the medical paragraph. See MCOE Regulation 350-19 Chapter 9-3. The following information will be furnished by the OIC/RSO to Range Control:

- a. Designation of unit.
- b. Range and location
- c. Type of weapon involved.
- d. Type of ammunition involved.
- e. Brief summary of what happened.
- f. Personnel injuries and extent.
- g. Full Name, SS#, Rank, and unit of injured personnel.
- h. Extent of property damage.
- i. Intentions regarding an AR 15-6 investigation.

9. When a malfunction is experienced, the OIC/RSO will suspend all firing and immediately notify Range Control. The weapons and all components and ammunition involved will remain in place. The cease fire will remain in effect until cleared through Range Control. An investigation is required and will be conducted by the ammunition and weapons inspection personnel and DOL. Demolitions Effects (DES) Charges are explosives which use detonation cord, blasting caps, MDI, cardboard, and sand or chalk to simulate other explosives. Extreme care must be exercised when using DES. Use of the DES is described in TC 5-250. DES is an explosive, and all safety guidance contained in the pamphlet and FM 5-250 must be followed.

10. Minimum Safe Distance will be referenced per DA PAM 385-63.

11. POC is the undersigned or SFC Henderson at 544-6693.


DERRICK S. DRAPER
MAJ, IN
Executive Officer



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
HEADQUARTERS UNITED STATES ARMY MANEUVER CENTER OF EXCELLENCE
35 RIDGWAY LOOP
FORT BENNING, GEORGIA 31905-4500

ATZB-SO (385)

31 March 2011

MEMORANDUM FOR Director, G-3, Maneuver Center of Excellence, Fort Benning, GA 31905.

SUBJECT: Demolition Enhanced System (DES) Training (RB1R26).

1. References: Demolition Enhanced System (DES) Training (RB1R26) Course Range Scenario, MCoE Fort Benning, GA Range and Terrain Regulation 350-19, AR 385-10, and CRMW.
2. Concur without comment.
3. Point of contact is Mr. Kestner J. Edens, MCoE/Fort Benning Safety Office, Comm. (706) 545-0742, Govt. Cell. (706) 604-6885, jr.edens@us.army.mil


JILUE CARLSON
Director, MCoE Safety
Fort Benning, Safety Office

COMPOSITE RISK MANAGEMENT WORKSHEET

For use of this form, see FM5-19; the proponent agency is TRADOC

1. MSN/TASK DEMOLITION EFFECTS SIMULATOR (DES)	2a. DTG BEGIN 310001 AUG 2012	2b. DTG END 302400 AUG 2013	3. DATE PREPARED (YYYYMMDD) 2012/06/13
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4. PREPARED BY:		
a. LAST NAME WIEHE	b. RANK GS-12	c. POSITION BDE SAFETY MANAGER

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 EFFECTIVE?
Prepare, Carry and Detonate DES	1. Handling DES	High	1. Instructors certified IAW FBGA regs for use of explosive, demolition explosive simulators and pyrotechnics for RTB DES training. 2. Inspect DES for serviceability IAW FM 3-34.214. 3. Students will carry two components, the charge and the firing/ignition system (5 th & 6 th Bn). 4 th Bn RI will carry M81 fuse igniter. All components will be segregated and no two components will be on the same person.	Moderate	1. FM 3-34.214, Explosives & Demolitions 2. MCoE Reg 350-19, Range & Terrain 2. RICP Certification 3. RTB BSOP 4. 4 th RTBn 350-1 SOP	Direct Supervision	

Additional space for entries in Items 5 through 11 is provided on page 2.

13. OVERALL RISK LEVEL AFTER CONTROLS ARE IMPLEMENTED (Check One)

LOW
 MODERATE
 HIGH
 EXTREMELY HIGH


 GEORGE E. SCHABBEHAR V
 LTC, IN
 Commanding


 KYLE E. LEAR
 COL, IN
 Commanding

14. RISK DECISION AUTHORITY

a. LAST NAME HAIGHT	b. RANK COL	c. DUTY POSITION COMMANDANT, USAIS	d. SIGNATURE 
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ITEMS 5 THROUGH 12 CONTINUED:

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 EFFECTIVE?
Prepare, Carry and Detonate DES	2. Injury From Blast or Flying Debris	High	1. RIs brief OPFOR on location and timing of DES detonation. 2. RIs train students on the construction and use of DES. During construction and emplacement of the DES, all PPE will be worn (ballistic eyewear and helmet). 3. RIs supervise emplacement of DES and ensure that the location is safe. 4. RIs, students and OPFOR will be at least 50 meters from blast.	Moderate	1. FM 3-34.214, Explosives & Demolitions 2. RICP Certification 3. 4 th RTBn RI Guide Book	Direct Supervision	
	3. Injury From Premature Detonation	High	1. 4 th Bn RI carries M81 and issues to student on the objective just prior to detonation. 2. RIs supervise final construction of DES charge and ensure that time fuse is not less than 1 minute in length. 3. Under no circumstances will excess time fuse be burned in the patrol base. Excess time fuse (after being cut to length) will be accounted for, consolidated and turned back in to the RI for proper disposal IAW RTBn Ammo SOPs.	Moderate	1. FM 3-34.214, Explosives & Demolitions 2. RICP Certification 3. 4 th RTBn RI Guide Book 4. RTBn Ammo SOP	Direct Supervision	
	4. Failure to Properly Detonate DES.	High	1. Only RIs handle misfires and ensure all personnel stay at least 50 meters away. 2. RIs will ensure students dual prime DES and inspect charge prior to detonation.	Moderate	1. FM 3-34.214, Explosives & Demolitions 2. RICP Certification 3. 4 th RTBn RI Guide Book	Direct Supervision	

ADMINISTRATIVE NOTES:

1. Issue:

- a. The RI Walker will initially receive all components of the DES system. Time fuse will not be precut to less than 1 minute.
- b. The RI Walker will inspect the charge, time fuse/blasting cap and M81 fuse igniter during TLPs prior to the students moving out on patrol.
- c. (5th & 6th Bn only) RI issues demo (charge & firing/ignition system) to student. Students will maintain possession of the charge and firing/ignition systems (2 components) and they will be segregated from each other.
- d. (4th Bn only) RI issues demo (charge & firing/ignition system) to student. RI maintains control of the M81 fuse igniter until Ranger Students are ready to attach firing/ignition system to the DES charge during "Actions on the Objective". Students will maintain possession of the charge and firing/ignition systems (minus M81 fuse igniter) and they will be segregated from each other.
- e. The RI will supervise the attachment of the DES charge and firing/ignition systems to the DES on the Objective.

2. Construction:

- a. Ranger Students will construct the DES charge and ignition system to standard under the supervision of the instructors. The RI will inspect each charge and ignition system for quality assurance.
- b. The RI will enforce safety procedures and both RI and Students will wear the proper PPE while working with all components of the DES.
- c. RIs will control and collect excess demolition material for turn-in using normal ammunition procedures.
- d. DES charges that will not be used within a tactical mission set (i.e. 24 hours) will be marked with the date and who constructed the charge.
- e. Once the firing system is constructed, the charge and firing/ignition system will be segregated by Ranger Student (4th RTBn RIs maintain M81).

3. Firing System to DES Charge (Actions on the Objective):

- a. The Student Leader calls for his Demo Team and they move to his location.
- b. The RI determines that a safe location is used to detonate the DES Charge.
- c. Ballistic eye protection is worn by the RI supervising and the Students attaching the firing/ignition system to the DES charge.
- d. Student Leadership goes through their withdrawal plan (RI will count Rangers withdrawing off the OBJ to ensure there are no students still on the LOA).
- e. Under the supervision of the RI, the Students will tie a square knot to attach the DES charge and the firing/ignition system and place the completed charge in the designated location. (RI uses white light to observe)
- f. RI will inspect time fuse to ensure that no less than 1 minute burn time is on the time fuse.
- g. The Demo Team will move back to their positions on the line.

- h. The Student removes the Safety Wire with Lanyard and pulls the M81 fuse igniter one at a time.
- i. Once both pieces of time fuse are burning the student places them on the ground and withdraws off the OBJ.

4. Misfire Procedures:

- a. Yell "Misfire" to let everyone in the vicinity of the charge know that you have a misfire.
- b. Wait 30 minutes before investigating the misfire. Maintain a safe distance of 50 meters.
- c. Only RIs will handle misfires.
- d. RIs maintain control of the site.
- e. After 30 minutes RI will approach the charge to identify the problem.
- f. RI can destroy the charge with another firing/ignition system or recover the charge by separating the firing/ignition system from the charge.
- g. 6th RTBn will use EOD to handle all misfires.

5. Accountability:

- a. DES charges will be treated as a sensitive item and be subject to 100% daily inventory during times of: RI Change Over (RICO), after actions on the objective and student change of leadership positions.
- b. No excess ordinance (time fuse, blasting caps, det cord) will be kept within the student patrols.
- c. Unused (not misfired) DESs will be accounted for and turned in.
- d. If unused DES charges remain with the patrol, no new charges will be issued until they are expended. DES accountability will occur IAW established Battalion ammunition procedures.



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 8/15/2012

EMD Number: 1222812 Project#: Unknown Project Title: Enhanced Demolitions Training (FY13)

Description of proposed action:

STUDENTS AND CADRE WILL BE CONDUCTING ENHANCED DEMOLITIONS TRAINING USING DET-CORD AND DES. SOLDIERS WILL CONDUCT TRAINING BY CONSTRUCTING BOXES AND CHALK AND DETONATING IT WITH DET-CORD. THIS TRAINING WILL BE CONDUCTED ONCE A CLASS. THE PURPOSE OF THIS 144 R IS TO ENSURE THAT 4TH RTB ADHERES TO THE ENVIRONMENTAL CONSIDERATIONS OF FT BENNING

Project Location: H1, H2, H4, H5 **Amount, Description, Location of Disturbance/Digging:** None

Number of Personnel: 300 **Type of Ammunition:** Det-Cord, Blasting Caps, Time Fuse, M21 Sim(Live) **Number/Types of Trees:** None

Size of Project Area: **Duration of Action:** Start: 10/1/2012 Stop: 9/30/2013

Proponent: rande.henderson 706-544-6693 **Organization/Unit:** 4TH RTB

Number/Types of Vehicles:

Number of vehicles: 14
Types of vehicles: 12-GSA'S, 1-M977, 1-M149
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, 2013

Natural Resources - RCW Conditions: Michael Barron (706 544 7080), 8/16/2012

See attached conditions. Note locations of red-cockaded woodpeckers (RCW) 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).

Cultural Resources - Archeological Conditions: Edward Howard (706 545 1898), 8/22/2012

See attached JPEG maps (H1-5.jpg) for reference. The project area contains federally protected sensitive sites. These sites may or may not be marked with Siebert stakes placed 20 - 30 meters apart which contain labels warning against ground disturbance. Training may be conducted in these sites so long as it does not disturb the ground (digging, off-road vehicle traffic, etc.) The project OIC is responsible to insure the sites are not disturbed, regardless of whether or not they are marked. They are identified in RED in the attached maps. Additionally, if endangered plants, historic artifacts or Native American artifacts (arrowheads, etc) are encountered here (as in anywhere on the Installation) their removal constitutes theft as well as possible violation of other federal laws. This could result in criminal prosecution. Contact CRM with any questions or concerns. Resubmittal is required if submitted project is modified in any way.

Noise

Conditions:

Ellis Leeder (706 545 2400), 8/17/2012

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

CWA - Training

Conditions:

Jessica Taylor (706-604-4572), 8/16/2012

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.

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/16/2012

Any wastes generated must be evaluated for their hazardous characteristics and disposed of in accordance with all Federal, State and Fort Benning Hazardous Waste Regulations.

Appropriate precautions must be taken to prevent hazardous material spills. Adequate quantities of spill response supplies must be on hand while work is being performed. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan.

Contain and clean up any spill according to guidance provided by the Environmental Protection Management Branch.

Air Management Programs

Conditions:

Tannis Danley (706 545 1298), 8/16/2012

This is necessary training that should be conducted however, with the use of Smoke generators, Smoke Grenades, C/S gas, portable power generators, and smoke pots, special considerations apply to the compartment boundary locations as not to let smoke or gas travel into adjacent communities or roadways both on and off the Installation. Range safety should be informed and utilized for managing training with smoke/gas devices as weather conditions can change hourly. It is important to consult MCoE Regulation 350-19 prior to training activity. Please review particular training restrictions found in section 5-20 of the Regulation. If you need assistance feel free to contact the Air Quality Program, shannon.t.danley.ctr@mail.mil or call 706 545-1298.

Signature John E Brown

John E Brown
NEPA Program Manager

Date 24 Aug 2012

Signature Chris Hamilton

Christopher E. Hamilton, PhD
EPMB Chief

Date 24 Aug 12



RECORD OF ENVIRONMENTAL CONSIDERATION (REC)



Date Submitted: 8/15/2012

EMD Number: 1222904

Project#: Unknown

Project Title: Ranger STX 071R0022 and FTX 071R0023 Training

Description of proposed action:

Students and Cadre will be conducting a situation training exercise (STX) and a field training exercise (FTX). During this phase, students will be training on squad and platoon tactics, techniques, and procedures (TTPs). All movement through the wood line will be dismounted. All vehicle traffic will be conducted on the roads in this area unless a medical emergency occurs. Students and Cadre will be conducting React to Contact, Reconnaissance Operations, Ambush Operations, and Air Assault Operations using 5.56mm blank ammunition, 7.62mm blank ammunition, DET cord and colored smoke grenades. The STX and FTX will approximately last 12 days. The purpose of this 144-R is to ensure that 4th RTBn adheres to the environmental considerations of Fort Benning.

Project Location:

F1-10, G1-8, H1-5, I5-7, PURDY, MORGAN, MOSBY, CYCLONE, LEDO 1 AND 2, HOLLIS, ORION, ANZIO 2

Amount, Description, Location of Disturbance/Digging:

MINIMAL/HASTY FIGHTING POSITIONS

Number of Personnel:

300

Type of Ammunition:

5.56 & 7.62 BLANK, DET CORD Live and Blank

Number/Types of Trees:

None

Size of Project Area:

Duration of Action: Start: 10/1/2012 Stop: 9/30/2013

Proponent: rande.henderson 706-544-6693

Organization/Unit: 4TH RTB

Number/Types of Vehicles:

Number of vehicles:40
Types of vehicles:10-ATV, 10-M923, 3-M998, 12-GSA, 2-UH-60, 3 M977
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, 2013

Cultural Resources - Archeological

Conditions:

Edward Howard (706 545 1898), 8/22/2012

See attached JPEG maps for reference. The project area contains federally protected sensitive sites. These sites may or may not be marked with Siebert stakes placed 20 - 30 meters apart which contain labels warning against ground disturbance. Training may be conducted in these sites so long as it does not disturb the ground (digging, off-road vehicle traffic, etc.) The project OIC is responsible to insure the sites are not disturbed, regardless of whether or not they are marked. They are identified in RED in the attached maps. Additionally, if endangered plants, historic artifacts or Native American artifacts (arrowheads, etc) are encountered here (as in anywhere on the installation) their removal constitutes theft as well as possible violation of other federal laws. This could result in criminal prosecution. Contact CRM with any questions or concerns. Re-submittal is required if submitted project is modified in any way.

Natural Resources - RCW

Conditions:

Michael Barron (706 544 7080), 8/16/2012

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), 8/17/2012

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

CWA - Training

Conditions:

Leah Ropski (706 626 0492), 8/16/2012

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.

For environmental considerations to protect water quality; all food service facilities and waste collection areas (including Port-a-Potties) must be located away from any water wells, state waters, and waterways (including drainage ditches) in the vicinity of the training area. Recommended distance of approximately 100 (30 meters) from any water source. For this particular training activity located at the F1-10, G1-8, H1-5, I5-7, PURDY, MORGAN, MOSBY, CYCLONE, LEDO 1 AND 2, HOLLIS, ORION, ANZIO 2 Training Areas; there is drainage to, but not limited to, unnamed tributaries, Ochille Creek, Sally Branch, Hollis Creek, Hollis Branch, and Schley Pond. No wastewaters should be discharged into waterways. No food, grease, garbage, human waste is to be left on site. All fats/oil/grease and/or solid waste must be collected and dispose of properly. Failure to follow this guidance could cause the site to be close for future use. Recommend use and implementation of FM 4-25.12 (FM 21-10-1) Unit Field Sanitation Team preventive medicine measures when establishing field food service facilities and other waste facilities. To include but not limited to Chapter 2, Section IV: Waste Disposal; Appendix A Lesson 6: Waste Disposal in the Field; Appendix B - Figures B-25, B-26, B-27, B-28. Unit to submit POC in charge of monitoring these activities. For additional specific guidance on field sanitation requirements - contact Fort Benning Preventive Medicine POC: Lt Sanchez-Perez at 706 545 1446 or SGT Montoya at 706 545 1445. Training - Land Disturbance: During digging operations (1 and 2 tier fighting positions), unit should maintain a buffer of 50 feet away from any streambed; this will protect streams integrity from soil and/or sediment run off to nearby stream(s). Unit could also provide silt fences to prevent soil movement into drainages.

Air Management Programs

Conditions:

Tannis Danley (706 545 1298), 8/16/2012

This is necessary training that should be conducted however, with the use of Smoke generators, Smoke Grenades, C/S gas, portable power generators, and smoke pots, special considerations apply to the compartment boundary locations as not to let smoke or gas travel into adjacent communities or roadways both on and off the Installation. Range safety should be informed and utilized for managing training with smoke/gas devices as weather conditions can change hourly. It is important to consult MCoE Regulation 350-19 prior to training activity. Please review particular training restrictions found in section 5-20 of the Regulation. If you need assistance feel free to contact the Air Quality Program, shannon.t.danley.ctr@mail.mil or call 706 545-1298.

Hazardous Materials/Waste

Conditions:

Ted Williams (706 545 7579), 8/16/2012

Any wastes generated must be evaluated for their hazardous characteristics and disposed of in accordance with all Federal, State and Fort Benning Hazardous Waste Regulations.

Appropriate precautions must be taken to prevent hazardous material spills. Adequate quantities of spill response supplies must be on hand while work is being performed. If a spill occurs use notification procedures as outlined in the Fort Benning Hazardous Waste Management Plan.

Contain and clean up any spill according to guidance provided by the Environmental Protection Management Branch.

Signature John E. Brown

John E Brown

NEPA Program Manager

Date 24 AUG 2012

Signature Chris Hamilton

Christopher E. Hamilton, PhD

ERMB Chief

Date 24 Aug 12