

CHAPTER 5
POLICE, SANITATION, AND ENVIRONMENTAL PROTECTION REQUIREMENTS

5-1. RESPONSIBILITY. Commanders of using units are responsible for policing training and maneuver areas, firing points, observation points (OPs), small arms ranges, and any other training facilities that their units utilize at Camp Bullis.

5-2. REQUIREMENTS AND RESTRICTIONS.

a. Upon completion of training, commanders will conduct a thorough police of the training facility used to ensure that no trash, ammunition boxes, ammunition, brass or other debris has been left in the area. Prior to departure from the training facility the OIC will contact "Bullis Control" (FM 34.20), and request a range inspector to conduct an inspection and grant clearance. If it is impossible for the inspection to be conducted prior to unit departure or if the inspection was conducted and the state of police was found unsatisfactory, the commander will designate a responsible individual to accompany Camp Bullis Operations personnel on a subsequent inspection once deficiencies have been corrected. Units will not be allowed to clear the post until all areas and training facilities used have been policed/cleaned properly, and inspected by Camp Bullis Operations and/or Camp Bullis Supply personnel.

b. In the event a unit entering a training facility finds the area in a state of poor police, Camp Bullis Operations will be contacted immediately. Any unit not reporting a poorly policed area will accept the responsibility of policing the area when they use or occupy it.

c. Daily police inspections of assigned billets and latrine facilities may be conducted by the Camp Bullis Supply Branch, and deficiencies noted and forwarded to the appropriate unit commander for corrective action. Inspections will include, but are not limited to the following:

- (1) Cleanliness.
- (2) Conservation of utilities and fuel.
- (3) Grass cut around billets, dining areas, parking areas, and hutments.
- (4) Compliance with environmental requirements. See paragraph 5-3.

d. Training units may be assigned additional police areas of responsibility other than their training area/range by either Camp Bullis Operations or the Camp Bullis NCOIC. These areas will be assigned upon the unit's arrival for training, and will be inspected as part of the unit's area of responsibility prior to the unit's departure. Additional police areas assigned will normally be, but not limited to, common use areas, such as along roadways. The requirement could include filling of sandbags for range repair/replacement.

e. Units are subject to recall for police purposes if any area is found to be substandard or in violation of the above standards.

5-3. ENVIRONMENTAL PROTECTION REQUIREMENTS. The following information is directive in nature. It outlines the criteria to be implemented to protect

the environment of Camp Bullis, as well as the surrounding areas. Failure to protect and preserve the affected environment will reduce the suitability of Camp Bullis for training activities in future years, and will lower the quality of life for those in the surrounding area. Therefore, it is imperative that the environment associated with Camp Bullis be protected and preserved. Violation of environmental protection requirements may result in administrative, civil and criminal punishment and fines.

a. Protection of Water Resources. Portions of Camp Bullis lie over the recharge zone of the Edwards Aquifer. The Edwards Aquifer consists of a water-bearing geological formation running from west to east through Bexar and adjacent counties. The aquifer provides water for over one million people. It is presently the only source of water for the city of San Antonio, 16 smaller area cities and towns, and five military installations within its geologic area. Practically all the water, which enters the aquifer, enters where the formation is exposed at the surface, identified as the "recharge zone." The formation is porous and is riddled with fractures, caverns and solution channels. It is this characteristic which allows water to be absorbed in the recharge zone; however, this feature also allows an access for wastes to contaminate the aquifer. Although the recharge zone is located only in maneuver areas 10 and 11, and portions of 1 and 2, the rest of Camp Bullis lies upstream of the recharge zone. It is, therefore, vital that all training be in strict accordance with the provisions outlined below, in order to prevent pollution of this valuable water resource.

(1) Fording of streams.

(a) Stream fording will be held to a minimum and should normally be conducted at identified fording sites.

(b) Operators of vehicles will strive to prevent the excessive destruction of vegetative cover in the proximity of the stream bed.

(2) Field dining.

(a) Prior to any exercise being initiated, which may utilize field messing facilities, the proponent of the action will coordinate with Camp Bullis Operations.

(b) If field dining facilities are established, soakage pits for utensil washing/rinsing will be established and closed in accordance with FM 21-10, Field Hygiene and Sanitation. Grease traps will be utilized, if applicable.

(c) Individuals will not dispose of food scraps in the field. Solid wastes and greases will be collected, returned to the cantonment area and disposed of in the appropriate receptacle.

(d) Field dining facilities will not be authorized in training areas 10 or 11, or in the flood plain of Cibolo, Salado, Lewis, Panther Springs, or Mueseback Creek.

(3) Field latrines.

(a) Permanent field latrines are available in many areas. If none are available or are inadequate for the number of individuals training, portable chemical latrines may be contracted for in coordination with the PWBC,

Construction Management Section, 221-3450/4510. Foreign objects (cans, rolls or toilet paper, food cartons, etc.) will not be disposed of in field latrines.

(b) Portable chemical toilets will not be placed within 50 meters of any streambed (intermittent or continuous flow), well, watering facility or open body of water.

(c) Permanent latrines, and/or portable chemical toilets will be utilized to the maximum extent during training. The utilization of slit trenches, cat holes, etc., must be pre-authorized by the Camp Bullis commander.

(d) Prior to any exercise being initiated, which may utilize field expedient latrines, the proponent of the action will coordinate with Camp Bullis Operations for approval.

(e) Field expedient latrines, when authorized, will be established and usage terminated in compliance with FM 21-10.

(f) Field expedient latrines will not be authorized in training areas 10 and 11 or in the flood plain of Cibolo Creek.

(4) Field showers.

(a) Use of field showers must be pre-approved by Camp Bullis Operations, and must be accomplished IAW FM 21-10.

(b) Shower facilities located within the cantonment area are available upon coordination with Camp Bullis Operations.

(5) Field laundries.

(a) Field laundries must be pre-approved by Camp Bullis Operations. Field laundries will not be authorized in maneuver areas 10 and 11 or in the flood plain of Cibolo Creek.

(b) Disposal of wastewater generated by field laundries will be disposed of IAW FM 21-10.

(6) Washing of vehicles. Vehicles will be washed only at the cantonment area washrack, with the exception of Nuclear, Biological and Chemical (NBC) decontamination procedures/training. Selection of the decontamination site will be coordinated with Camp Bullis Operations.

b. Petroleum, oil, and lubricants, storage facilities.

(1) Petroleum, oil, and lubricants (POL) products include gasoline, diesel fuel, oil, grease, etc. If POL is to be stored in excess of 48 hours or the combined volume of POL products exceeds 500 gallons, a temporary dike (either soil placed one-foot high or double row of sandbags) will be established to contain any spillage that might occur. If fuel storage pods, bladders, etc., are to be located on the ground, a temporary dike will be constructed, regardless of the time and volume stored.

(2) Petroleum, oil, and lubricant products will not be stored within 200 meters of any streambed (intermittent or continuous flow), well-watering facility or open body of water.

(3) Petroleum, oil, and lubricant products will not be dispensed within the cantonment area or tactical vehicle parking area, unless pre-approved by Camp Bullis Operations. If units desire to establish POL dispensing facilities in the near proximity to the cantonment area, they may utilize the dike area northwest of building 6111 for ground vehicles, and the dike area northeast of the helipad for helicopters.

(4) The facility will be inspected periodically during the operation to ensure no spillage and/or seepage has occurred. If a spill has occurred, cleanup operation will be initiated immediately. Spills will be reported immediately to the Fire Station, and to "Bullis Control," with name, location, amount, type of POL and time of occurrence. Contaminated soils associated with minor spills or leakage will be collected (dug out a minimum of 1 foot where feasible) and removed to the cantonment area for disposal. Precaution should be exercised to avoid contamination of streambeds, drainage and sinkholes by POL products or soil erosion.

(5) Care must be taken in handling and storing POL products to prevent seepage into the ground. Waste POL products will not be burned, dumped in trash containers, deposited at trash collection points, spread on the ground, nor dumped in sewers, ditches or streams. Waste POL will be placed in containers supplied by participating units and deposited at waste POL collection points.

(6) The POL storage and dispensing facilities will not be authorized in training areas 10 or 11, or in the flood plain of Cibolo Creek.

(7) Any POL spill will be reported to "Bullis Control," immediately.

c. Solid waste.

(1) Solid waste generated from dining facilities will be collected and disposed of in cantonment area dumpsters or dumpsters located in selected maneuver areas.

(2) Remaining edible foodstuffs will be disposed of in installation dumpsters.

(3) Individuals will dispose of foodstuff containers (field rations, etc.) in a designated receptacle for transport to the cantonment area.

(4) Burning or burying of refuse is prohibited.

(5) Ordnance material will not be disposed of with refuse. Such material will be turned in, and evacuated through channels to appropriate Class V points.

d. Fire protection.

(1) Open fires are prohibited, except in established recreational areas/camp sites.

(2) During periods of increased fire hazards, caution will be exercised in the use of simulators and other pyrotechnics. The use of pyrotechnics will be coordinated through "Bullis Control" (FM 34.20). High fire hazards generally exist during periods of extreme dryness, high winds, low humidity, high temperatures, or any combination thereof. Pyrotechnic devices will not be used when a high fire hazard exists.

(3) Wildfires resulting from the use of simulators or other pyrotechnics will be reported immediately to Camp Bullis Operations.

e. Camouflage.

(1) Only ashe juniper (cedar) trees, 6 feet or less in height, are authorized to be used for camouflage. Ashe juniper trees in areas designated as golden cheeked warbler are not authorized to be used for camouflage and are not to be damaged.

(2) As a rule, only limbs from large trees will be used for camouflage. Limbs will be cut flush with the main trunk. When large trees are not available, small trees may be used provided the trunk is cut flush with the ground so that they will not pose a traffic hazard; i.e., puncture tires.

f. Noise abatement. Aircraft noise will be limited to the extent that training requirements permit. Aircraft will fly only at authorized altitudes. Individuals will make every effort to curtail excessive noise, particularly when operating in close proximity to the installation boundary.

g. Endangered species. Camp Bullis contains habitat supporting two federally listed threatened and endangered species: The golden cheeked warbler and the black capped vireo. In addition, three of the nine listed Bexar County invertebrates have been found on Camp Bullis. These species live in caves located throughout the installation and are afforded the same protection as the golden cheeked warbler and the black capped vireo. At no time will trash or other material including vegetation, soil, or rocks be placed in any cave, nor will any person enter any cave without prior authorization by the Camp Bullis commander. All threatened and endangered species and designated critical habitat are protected under the Endangered Species Act (ESA) of 1973, sections 1531 to 1544, title 16 United States Code (16 USC 1531-1544), a copy of the ESA is available at the ITAM Environmental Office, Camp Bullis. Violators of the ESA are subject to both civil and criminal penalties. Listing or de-listing is subject to change with little or no notice by the United States Fish and Wildlife Service (USFWS). It is Army policy to comply with the requirements of the ESA, and to ensure that all mission-oriented activities are performed in harmony with the ESA. In order to conserve and protect all applicable federally listed species and critical habitat, the following requirements have been established:

(1) All personnel using Camp Bullis will check with the ITAM Environmental Office, Camp Bullis (210-295-7761/7804), prior to beginning any training to determine all environmental constraints and restrictions that may impact their activities.

(2) Individuals will be responsible for knowing where all endangered species habitat or designated critical habitat areas are located relevant to their activities. Current endangered species habitat maps may be obtained at the ITAM, Environmental Office, Camp Bullis.

(3) Clearing, trimming, and prescribed burning activities are not allowed in endangered species habitat or critical habitat, regardless of season or time of year, except as indicated in an approved Endangered Species Management Plan (ESMP) or when supervised by qualified personnel from the ITAM Environmental Office.

(4) Untended or uncontrolled fires should be reported immediately to "Bullis Control."

h. Wildlife. It is the Army's policy to conserve, protect, and sustain biological diversity while supporting the accomplishment of the military mission. Habitat management efforts at Camp Bullis are consistent with these goals as indicated in the Fish and Wildlife Cooperative Plan (16 USC 670a), which is an integral component of the Integrated Natural Resources Management Plan. To adhere to this policy, the following requirements have been established:

(1) All military personnel, employees, and individuals, unless otherwise authorized, will refrain from handling, killing, capturing, collecting or possessing any wildlife on Camp Bullis. If any apparently injured or sick animals are encountered, avoid contacting the animal and contact "Bullis Control" (FM 34.20), the ITAM Environmental Office or the MP.

(2) No exotic, domestic or agricultural animals are allowed on Camp Bullis without prior approval from the Camp Bullis commander.

i. Archaeological/historical resources. Disturbance of archaeological or historical sites, to include arrowhead or artifact hunting, is strictly prohibited by federal law. If such a site is encountered during the establishment of a bivouac or tactical position, all activities will cease and the unit will contact "Bullis Control" immediately.