

DEPARTMENT OF THE ARMY
HEADQUARTERS, U.S. ARMY GARRISON,
FORT A.P. HILL, VA 22427

APH Regulation 200-1

Installation
ENVIRONMENTAL REQUIREMENTS

FOR THE COMMANDER

DISTRIBUTION

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OFFICIAL:

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History: This Regulation incorporates changes on a yearly basis for use on Fort A.P. Hill, Virginia.

Summary: This Regulation describes the policies and procedures, which govern the Environmental Requirements on Fort A P Hill, Virginia.

Applicability: This Regulation applies to all activities who reside, work, or train at Fort A P Hill, Virginia.

Suggested Improvements: The proponent of this Regulation is the Directorate of Public Works, Environmental and Natural Resources Division. Users are invited to send comments and suggested improvements on a DA Form 2028 (Recommended Changes to Publications and Blank Forms) or in a memorandum to the Directorate of Public Works, Environmental and Natural Resources Division, 19952 North Range Road, Fort A.P. Hill, Virginia 22427-3123.

*This Regulation supersedes Fort A.P. Hill Regulation 200-1 (30 April 98)

1. REFERENCES:

a. AR 200-1, Environmental Protection and Enhancement.
21 FEB 97

b. AR 200-2, Environmental Effects of Army Actions.
23 DEC 88

c. AR 200-3, Natural Resources Land, Forest, and
Wildlife Management. 28 FEB 95

d. AR 200-4, Cultural Resources Management.
21 DEC 98

e. AR 200-5, Pest Management. 29 OCT 99

2. PURPOSE: To establish procedures, assign responsibilities and furnish guidance for the implementation of an effective environmental program for environmental compliance.

3. RESPONSIBILITIES:

a. The Installation Commander will:

(1) Ensure that all activities on Fort A.P. Hill comply with Army, Federal, State and Local environmental regulations.

(2) Provide overall program guidance.

(3) Chair the Environmental Quality Control Committee (EQCC) meetings.

b. The Deputy Commander will participate in EQCC meetings.

c. The Director of Public Works will:

(1) Be a voting member of the EQCC and HSMS Committee.

(2) Direct Environmental, Natural Resources, and Historic Preservation programs.

d. The Environmental Coordinator will:

(1) Serve as Vice Chairman of the EQCC and the Installation Beautification Committee.

(2) Serve as Chairman of the Hazardous Substance Management System (HSMS).

(3) Ensure that all applicable Federal, State and local environmental standards and regulations are compiled at Fort A.P. Hill.

(4) Monitor staff efforts pertaining to preservation, enhancement, and protection of the environment.

(5) Implement and enforce environmental pollution abatement policies.

(6) Serve as environmental liaison with MDW, OCE, DA and DOD as well as other Federal, State, and local authorities, and the general public.

(7) Develop a historic preservation program.

(8) Develop natural resources management programs.

(9) Serve as the Installation On-Scene Coordinator in the event of a spill of a hazardous or toxic substance as dictated in the Installation Spill Contingency Plan

e. The Director of Logistics will:

(1) Be a voting member of the EQCC and the HSMS Committee.

(2) Implement environmental policy in the following areas:

(a) Procurement, maintenance, storage disposal, transportation, and sale of Army material.

(b) Support the DPW in matters pertaining to generation, transportation, storage and disposal of oil and hazardous/toxic materials/wastes.

(c) Inspect all targets from DRMO prior to their use.

f. The Director of Plans, Training, Mobilization and Security will:

(1) Be a voting member of the EQCC, the Historic Preservation Committee, and the HSMS Committee.

(2) Ensure that environmental consideration requirements (see Section 4) are employed in all plans prior to the decision being made to implement such plans.

(3) Promote cooperation for environmental enhancement within the Plans, Training, and Security Directorate's area of interest.

g. The Public Affairs Officer will:

(1) Be a member of the EQCC and the Historic Preservation Committee.

(2) Forward all environmental complaints to the Environmental Coordinator.

(3) Develop and execute a command information program designed to stimulate in all Post personnel a full understanding of, and active participation in, environmental protection and enhancement activities.

(4) Ensure that maximum media coverage is obtained for the Command's accomplishments in environmental protection and enhancement.

h. The Directorate of Emergency Services (DES) will:

(1) Be a voting member of the EQCC.

(2) Have responsibility for Spill Response.

i. Unit Commanders and Heads of Staff Agencies will:

(1) Familiarize themselves and their subordinates with the environmental protection considerations, which must be taken into account in performance of their duties.

(2) Bring to the attention of the Environmental Coordinator any plans, conditions, or actions which have or will have an impact on environmental protection whether that impact is to the benefit or detriment of environmental protection objectives.

(3) Ensure that environmental consideration requirements are employed in all plans prior to the decision being made to implement such plans.

j. The Attorney Advisor (Fort Belvoir JAG) will:

(1) Provide legal advice and assistance pertaining to interpretation of Federal, State, and local environmental, health, and safety statutes applicable to Fort A.P. Hill.

(2) Represent installation interests before state administrative tribunals and regulatory bodies and maintain liaison with the Justice Department.

(3) Review all Environmental Assessments and Environmental Impact Statements prepared for major actions.

4. MISSION: Preserve and protect our Installation's resources through integrated and cooperative management which is consistent with conservation stewardship and the Army mission. Fort A.P. Hill is committed to being a leader in protecting the environment and conserving our natural resources. Coordination will be made with the DPW Environmental and Natural Resources Division (DPW ENRD) at extension 8255 to ensure compliance with state, federal and local environmental and conservation laws and regulations. To ensure that Fort A.P. Hill remains a great steward of the environment for present and future generations, special command emphasis is placed on the following.

a. Pollution Abatement

(1) Hazardous Material Management Program (HMMP)

(a) The APH Regulation 200-5 describes the Hazardous Material Management Program (HMMP),

responsibilities of units and activities, and associated action required. All activities that reside, work or train at FAPH must comply by going through a HAZMART for the procurement of any hazardous material. Unused portions of hazardous materials procured through this system can be returned to the HAZMART for reuse/recycle/reutilization.

(b) There are two HAZMARTS for procuring hazardous material. One HAZMART is located at DOL Supply Storage Site, Building # 1340, 12101 Fortune Road, telephone number (804)633-8314. The second HAZMART is located at the DPW Warehouse, Building # 1237, 19806 EP4 Compound, telephone number (804)633-8316. A representative of the DPW ENRD can be reached at (804)633-8255.

(c) Minimize the use of hazardous materials (HM) whenever possible by using an environmentally safe alternate.

(d) Bring only the amount of HM necessary for training. The remaining HM must return home with the unit at the end of training.

(2) Hazardous Waste and Used POL Products

(a) All hazardous wastes (used NBC filters, solvents, lacquers, paints, cleaners, etc.) and infectious waste must be disposed of in accordance with state and federal regulations.

(b) Disposal of all hazardous wastes will be coordinated with the DPW Environmental and Natural Resources Division at extension 8255.

(c) Solvents, cleaners, antifreeze, used oil etc. will not be mixed .

(d) Used oil (with no solvents), antifreeze, and cleaning fluids are controlled wastes and must be disposed of accordingly. Each item must be collected separate from other wastes. Pickup for recycling can be coordinated through POL at extension 8360 or through the DPW ENRD at extension 8255.

(e) Used fuel filters (mogas or diesel) will be taken to DS Maintenance for proper disposal and the used fuel will be drained and taken to POL.

(f) Oil filters will be drained and taken to DS Maintenance for proper disposal. Contact the DPW ENRD at extension 8255 for more information.

(g) Aerosol containers that are empty may be disposed as general refuse. Aerosol containers that are not totally expended must be disposed of in accordance with state and federal regulations. Contact the DPW ENRD at extension 8255 to coordinate proper disposal.

(h) No unserviceable munitions or explosives will be brought onto the installation.

(i) All weapons cleaning material contaminated with solvent such as rags, patches, Q-tips, etc. must be disposed as hazardous wastes. The designated disposal site for these wastes is a 55-gallon drum labeled "Hazardous Waste" located near Range Control.

(j) The disposal of infectious wastes must be coordinated through the Health Clinic at extension 8216.

(k) Used NBC mask filters (whetlerite charcoal) must be disposed as hazardous waste. Contact the DPW ENRD at extension 8255 for more information.

(l) Used HC smokepots and grenades must be disposed of as hazardous waste. The designated collection site for these spent items is a 55-gallon drum labeled "HAZARDOUS WASTE" located at the Ammunition Supply Point (ASP). A representative from the ASP can be reached telephonically at (804)633-8801/8805.

(m) All vehicles and equipment which will be used for targets, testing, etc. must be rendered environmentally safe prior to use and must be processed through DOL (DSM). A DA form 2407 must be completed by DOL before the proposed target or equipment is moved into the subject areas and used as a target. A copy of the DA 2407 must be sent to the Environmental and Natural Resources Division a minimum of one (1) working day prior to the vehicle being moved into the impact area.

(3) Battery Disposal

(a) Battery disposal is outlined in the Fort A.P. Hill Regulation 200-3. More information may be obtained from the DPW ENRD in person or by calling extension 8255.

(b) The following batteries will be turned in Supply Storage Site Building number PO1340 with the appropriate MSDS: Lead-acid, lithium-sulfur dioxide - multi-cell (without complete discharge device), lithium-thionyl chloride - multi-cell, magnesium, nickel-cadmium and silver. SSS can be contacted at extension 8314 or 8486.

(4) Vehicle and Equipment Washing:

(a) The Central Vehicle Wash Facility (CVWF), located on Shackelford Road of Fort A.P. Hill, is the authorized facility for washing military vehicles and equipment.

(b) No detergents will be used at any time.

(c) A coin-operated facility for smaller vehicles is available in the Garrison area and is managed by the Directorate of Personnel and Community Activities, Community Recreation Division (CRD). A representative of the CRD can be reached telephonically at (804)633-8219.

(d) The washing of equipment at any other locations (lakes, ponds, streams, barracks) is strictly prohibited.

(5) Laundry and Shower Sites:

(a) Pre-existing field laundry and shower slabs that drain into the sanitary sewer must be utilized. Locations of these sites can be obtained from the Training Division at extension 8349.

(b) If pre-existing sites cannot be used, coordinate the placement of all field laundry and shower sites through the DPW ENRD at extension 8255.

(6) Field Mess/Kitchen Sites:

(a) Units are strongly encouraged to use the pre-existing mess tent sites.

(b) If the pre-existing sites cannot be used, units may dispose of mess/kitchen water by following the guidelines found in FM 21-10 and the following criteria:

(1) The site is greater than 100 meters from any surface waterbody.

(2) Less than 150 gallons of water is discharged per day.

(3) The ground is relatively level in the area of the proposed discharge.

(4) The site consists of well-drained soils.

(c) Care must be taken to ensure that surface waters are not affected, no erosion takes place, and the water drains into the soil and does not collect or stand.

(d) Units serving more than 100 persons should arrange for off-site disposal of gray water through DOL at extension 8422.

(e) Placement of field mess/kitchen sites must be coordinated through the DPW ENRD at extension 8255.

(7) Water Purification/Treatment Activities:

(a) Buzzards Roost Pond area is designed to accommodate Reverse Osmosis Water Purification Units (ROWPU). If this site does not suit the needs of a training unit, alternate siting must be coordinated through DPTMS and approved by the DPW ENRD at Extension 8255.

(b) Water purification activities will adhere to the following criteria:

(1) All units operating water purification systems will coordinate their activities with the DPW ENRD prior to arriving at Fort A.P. Hill.

(2) Material Safety Data Sheets (MSDSs) for all chemicals will be forwarded to the DPW ENRD.

(3) NO WATER, treated or otherwise, will be discharged back into the pond or lake or onto the ground. All process water, backwash, etc. will be either discharged into the sanitary sewer or pumped into tankers for disposal.

(8) Spills:

(a) All spills, regardless of size, must be reported **immediately** to the Fire Department at extension 911 as stated in the FAPH Regulation 200-2 for Spill Response. This includes fuel oil, motor oil, pesticides, fog oil, battery acid, etc.

(b) Questions on proper disposal of contaminated materials should be directed to the DPW ENRD at extension 8255.

(c) When handling fuel products, refer to the following Fort A.P. Hill guidelines: The Integrated Discharge Prevention and Contingency Plan (IDPCP) and the Standard Operating Procedures for Petroleum, Oils and Lubricants (POLSOP). Copies of the applicable portions of these plans may be obtained from the DPW ENRD at extensions 8255.

(9) Temporary POL Sites and Fuel Bladder Storage

(a) Use existing POL berms for fuel bladder storage whenever possible.

(b) Positioning of all FARP's, as well as any secondary containment, will be coordinated with the DPW ENRD at extension 8255 prior to set-up.

(c) Units preparing for training at FORT A.P. Hill will have their field fuel transfer systems inspected by the installation POL personnel prior to use. Any system that is unsafe or leaks must be repaired prior to use.

(d) Persons conducting fuel transfer operations will use spill control/containment measures such as pans or absorbent pads.

(e) Any aviation unit planning to utilize a "hot refueling" FARP must have it inspected by the Fort A.P. Hill aviation staff prior to going into operation. The Fire Department must be on-site during hot fueling exercises.

(10) Solid Waste

(a) The following procedures shall be followed when disposing of various types of solid wastes at Fort A.P. Hill.

(1) Use only authorized locations for the disposal of trash and garbage. Training Units shall coordinate with DPTMS on the disposal locations upon inprocessing.

(2) The post Scrap/Recycling Yard is located at the corner of Wilcox Drive and Cedar Trail. Deposit the following materials in the appropriately marked containers:

Scrap Metal
Untreated/Unpainted Wood
Treated/Painted Wood
Unserviceable Concertina Wire
Metal Scraps
Aluminum Cans

(3) Disposal of all appliances must be coordinated with the DPW ENRD at extension 8255.

(4) Military tires shall be disposed through DOL by contacting DS Maintenance at extension 8440. Commercial tires also prohibited from disposal at the Scrap/Recycling Yard.

(5) Battery disposal is contained in FAPH Regulation 200-3. Vehicular batteries are taken to DS Maintenance, Building 1290, for disposal (extension 8440). Contact the DOL SSS, Building 1340, at extension 8314 (or the DPW ENRD, extension 8255), for the correct disposition of other batteries.

(6) Ordinance/Range Residue must be turned-in to the ASP as per DA PAM 710-2-1.

(7) Accountable items such as concertina wire and tent poles shall be removed from the training areas and returned to DOL Property Book. Serviceable concertina wire, unused hazardous material, and other unused/serviceable training materials brought with the training unit shall return with the training unit. Dispose of unusable concertina wire at the scrap yard or contact the DPW ENRD at extension 8255.

(8) Police all areas before, during and after training activities. Remove all litter and dispose of it in the appropriate locations. Dumping of any hazardous material, hazardous waste, or ordinance is strictly prohibited and subject to fine and/or imprisonment. Any questions on proper disposal of an item may be directed to the DPW ENRD at extension 8255.

(11) Latrines:

(a) All latrine box locations will be constructed in accordance with FM 21-10 and the State Health Department requirements. The following are recommendations and guidelines for siting latrine boxes:

(1) Placement will be at least 100 meters from any waterbody (wells, streams, springs), low areas, drainage basins, and buildings.

(2) Placement will be on high ground.

(3) Trenches will be hand dug and not more than 5 feet in depth.

(4) Trenches must be completely filled in with at least 2 feet of soil covering all waste.

(b) Latrine box locations that are used for 5 days or longer, must be approved in advance by the DPW ENRD at extension 8255.

(12) Noise

(a) Direct fire, indirect fire, and explosives training will be conducted in accordance with Fort A.P. Hill MEMO 350-1 and 350-2.

b. Natural Resources and Environmental Considerations

(1) Fires:

(a) Open fires are restricted at Fort A.P. Hill. Open fires necessary for training will be coordinated through the Directorate of Emergency Services (DES) Fire Department and Range Control/Training either in person or by calling extension 8317.

(b) Use caution with cigarettes and pyrotechnics. Police training areas for butts and expended equipment before leaving an area.

(c) The use of open flame and pyrotechnics may be prohibited when the fire index is high. The Fire Index is computed daily by the DPW Forestry section and reported to Headquarters, DPTMS and DES.

(d) Immediately report all fires, regardless of size or intensity, to the DES Fire Department at extension 911. The non-emergency phone number for the Fire Department is extension 8317.

(2) Pest Control:

(a) Ticks, which may carry Lyme Disease, Rocky Mountain Spotted Fever, and Erlichiosis, have been found on the Installation. The best method for the prevention of these diseases is personal protection. Unit Medical Officers have complete information for disease prevention and personal protection.

(b) All requests for small pest control and grass cutting must be coordinated at least two weeks in advance through DPTMS at extension 8333 or 8374.

(c) All units will inform the DPW ENRD at extension 8255 of any pesticide usage on the installation prior to application. This includes materials used in the field sanitation kits.

(d) Self-service items to include insect repellent for personal application (DEET) and insect repellent for clothing application (Permanone) can be purchased from the SSS Warehouse with the proper documentation (MIPR). Further information can be obtained by calling extension 8314 or 8486. Miscellaneous items to

include fly sprays, tick repellents (body & clothing), ant bait, fly swatters, mouse traps and glue boards can be obtained from the Installation Pest Controller at building 1247, extension 8457 when funding is not available).

(3) Vehicle Movement:

(a) Cross streams and ditches slowly and at appropriate crossings so as to minimize the impact to the environment.

(b) Remove mud and debris immediately from roadways.

(4) Environmental Documentation: Proposed actions which are not identified in the On-going Environmental Assessment (EA) require preparation of a Record of Environmental Consideration (REC) or an Environmental Assessment (EA) to assess the environmental consequences of the proposed projects or activities.

(5) Overflights:

(a) All "NO OVERFLIGHT" areas designated on the Fort A.P. Hill Installation Map will be strictly adhered to. Overflight within $\frac{1}{4}$ mile of the Bald Eagle nesting sites is limited to 1000 feet from 15 November to 15 July. Contact the DPW ENRD at extension 8255 for more information.

(b) All aviation operations will be coordinated through the Airfield Commander and Range Control.

(6) Endangered Species: Fort A.P. Hill is home to three (3) threatened species (bald eagle, small whorled pogonia, and swamp pink) that are protected by federal and/or state regulations. Five other species (Bachman's sparrow, Tidewater amphiod, New Jersey Rush, American ginseng, and Oakes pondweed) are federal and/or state listed species of concern. Conservation areas have been designated for many of these species and every effort should be made to avoid disturbing them. More information about these and other flora and fauna can be obtained from the DPW ENRD at extension 8255.

(7) Relic Hunting: Relic hunting and use of metal detectors is prohibited. Report all accidental discoveries of historic artifacts to the Environmental Office at 8255. All work in the area must cease until the DPW ENRD has evaluated the area. Authorization to continue work will be given by the DPW ENRD.

(8) Natural Resources Protection:

(a) Fish and Wildlife: Disturbing, collecting or harvesting any wildlife species encountered on Fort A.P. Hill is prohibited except where specifically authorized by the Installation Commander. Licenses to hunt, fish, or trap wild animals may be obtained at the Game Check Station (GCS) (Bldg. TO0163 from October through January (x8244) or at the Community Recreation Division (Bldg. PO0106, x8219) year-round. Observations of injured or nuisance animals, or abnormal animal behavior should be immediately reported to the DPW Service Order Desk at extension 8286 or the DPW ENRD at extension 8255.

(b) Plants: Disturbing, collecting or harvesting any plant species encountered on Fort A.P. Hill is prohibited except where specifically authorized by the Installation Commander. Firewood permits can be obtained at CRD year round. Routine use of trees and brush for training purposes is authorized; requirements for large quantities should be coordinated through the Forestry Branch at extension 8419.

(c) Wetland, soil and water: Wetland, soil, and water resources must be protected. Any proposed activity that could damage these resources must be coordinated through DPW ENRD, extension 8255.

(d) Surveys: Surveys of any natural resource (to include fauna, flora, and water resources) are prohibited except where specifically authorized by the Installation Commander. All surveys must be coordinated with ENRD as well as DPTMS or PMO.

(9) Energy Conservation: Command has placed an emphasis on energy conservation as required by the AR 11-

27, Army Energy Program. Energy saving practices must be followed for such conservation measures as:

(a) Turn off lights, computers, appliances, air-conditioning, and all electrical equipment (that does not require full-time energizing) when not needed.

(b) Close doors and windows to prevent loss of energy required for heating and cooling.

(c) Employ air conditioning and heating only when needed. During heating season, the temperature in occupied spaces will be maintained in the range of 65°F to 70°F during working hours for office space and not more than 55°F during nonworking hours; cooling season temperatures for occupied spaces shall be maintained in the range of 76°F to 80°F during office hours for office space. Temperatures in warehouses should be adjusted from 55°F or below depending on the type of occupancy and the degree of activity. Warehouses will not be heated if they are devoid of human activity and if freezing or condensation are not problems.

(d) Limit maximum speed of vehicles to 40 mph (exception for emergencies only); minimize warm-up time for diesel vehicles and perform minor engine tune-ups with each 2000 mile, 2-month lubrication service.

(e) Temperature controls on hot water heaters should be set no to exceed 110°F.

(f) Reduce water consumption: avoid running water unnecessarily or for prolonged periods; consider installing spray type faucets with flow restrictors, particularly in shower heads; repair leaky fixtures, toilets, pipes, and valves. More information may be obtained about energy conservation from the DPW EP&S by calling extension 8468.

(g) Additional information about these and other environmental programs may be obtained from the Directorate of Public Works Environmental and Natural Resources Division by calling extension 8255.

