*APH Regulation 200-1

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
HEADQUARTERS, UNITED STATES ARMY GARRISON
FORT A.P. HILL, VA 22427

APH Regulation 200-1 30 NOVEMBER 2006

Installation
ENVIRONMENTAL REQUIREMENTS

FOR THE COMMANDER:

DISTRIBUTION:
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Summary: This Regulation describes the responsibilities, policies and procedures on Fort A.P. Hill, Virginia, which govern environmental requirements in Natural Resources Protection/ Conservation and Pollution Abatement/Prevention.

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

Suggested Improvements: The proponent of this regulation is the Directorate of Public Works, Environmental 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 Division, 19952 North Range Road, Fort A.P. Hill, Virginia 22427-3123.

*This Regulation supersedes Fort A.P. Hill Regulation 200-1 dated 30 March 2001.

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, 1 Oct 98.

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

f. International Organization for Standardization's (ISO) Environmental Management Systems – Specification with guidance for use, ISO 14001.

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

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), Hazardous Materials Management Program (HMMP) Committee, Installation Beautification Committee and Environmental Management System (EMS) Committee.

(4) Define Fort A.P. Hill Environmental Policy. Address the need for periodic management reviews of the EMS to ensure its continuing suitability, adequacy and effectiveness to Fort A.P. Hill's mission and processes.

b. The Deputy Commander will participate in EQCC, HMMP, EMS and Installation Beautification Committee meetings.

c. The Director of Public Works will:

(1) Be a voting member of the EQCC, HMMP, EMS and the Installation Beautification Committees.

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

(3) Familiarize themselves and their subordinates with Fort A.P. Hill's

Environmental Policy, which must be taken into account in performance of their duties.

(4) Implement environmental policies and requirements (see Section 4).

d. The Environmental Coordinator will:

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

(2) Ensure compliance with all applicable Federal, State and local environmental standards and regulations on Fort A.P. Hill.

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

(4) Implement and enforce environmental pollution abatement and waste minimization policies.

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

(6) Develop a historic preservation program.

(7) Develop a natural resources management program.

(8) Assist the Installation On-Scene Coordinator in the event of a spill of a hazardous or toxic substance as dictated in the Installation Integrated Discharge Prevention and Contingency Plan (IDPCP) and Fort A.P. Hill Regulation 200-2 for Spill Response.

(9) Establish and implement a spill reporting/tracking program, implement spill mitigation measures and reports to the appropriate agencies all reportable spills within regulatory timelines.

(10) Familiarize themselves and their subordinates with Fort A.P. Hill's Environmental Policy, which must be taken into account in performance of their duties.

e. The Director of Logistics (DOL) will:

(1) Be a voting member of the EQCC, HMMP, EMS and the Installation Beautification Committees.

(2) Familiarize themselves and their subordinates with Fort A.P. Hill's Environmental Policy, which must be taken into account in performance of their duties.

(3) Implement environmental policies and requirements (see Section 4), with special emphasis into 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 potential range targets prior to their use on the installation. Use DA Form 2407 to document the removal of all fluids, oils, other hazardous materials and all glass. Affix an "Environmental Clearance" sticker on each cleared target.

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

(1) Be a voting member of the EQCC, HMMP, EMS and the Installation Beautification Committees.

(2) Implement environmental policies and requirements (see Section 4) and ensure that environmental policies and requirements are addressed in all plans prior to the implementation of such plans.

(3) Promote within the Directorate's areas of interest an environment which highlights environmental protection, conservation and enhancement.

(4) Familiarize themselves and their subordinates with Fort A.P. Hill's Environmental Policy, which must be taken into account in performance of their duties.

g. The Public Affairs Officer will:

(1) Be a member of the EQCC, HMMP, EMS and the Installation Beautification Committee.

(2) Forward all environmentally related 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.

(5) Familiarize themselves and their subordinates with Fort A.P. Hill's Environmental Policy, which must be taken into account in performance of their duties.

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

(1) Be a voting member of the EQCC, HMMP, EMS and the Installation Beautification Committee.

(2) Have primary responsibility for spill response as outlined in the Installation's Integrated Discharge Prevention and Contingency Plan (IDPCP) and Fort A.P. Hill Regulation 200-2 for Spill Response. Upon notification of a spill the DES will immediately notify the DPW Environmental Division at (804) 633-8255.

(3) Collect Training noise reports and forward the data to DPTMS and DPW Environmental Division for follow-up efforts. Use procedure and forms to collect this data as outlined in the Installation Environmental Noise Management Plan

(4) Familiarize themselves and their subordinates with Fort A.P. Hill's Environmental Policy, which must be taken into account in performance of their duties.

i. Unit Commanders and Heads of Staff Agencies will:

(1) 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.

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

(3) Familiarize themselves and their subordinates with Fort A.P. Hill's Environmental Policy, which must be taken into account in performance of their duties.

(4) Implement environmental policies and requirements (see Section 4).

(5) Participate in EQCC, HMMP, EMS and the Installation Beautification Committee meetings.

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 Division (DPW ED) 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 Fort A.P. Hill Regulation 200-5 describes the Hazardous Material Management Program (HMMP). All activities that reside, work or train at FAPH must comply by going through a HAZMART for the procurement of any hazardous materials (HM) or coordinating with the DPW ED prior to bringing HM on the Installation. Unused portions of HM 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 DOL Warehouse, building # 1237, 19806 EP4 Compound, telephone number (804) 633-8316. A representative of the DPW ED can be reached at (804) 633-8255.

(c) Minimize the use of HM whenever possible and reduce in-stock levels of HM whenever feasible. Also, use environmentally safe alternatives whenever feasible and effective.

(d) Military units should only bring from their home base the minimum amount of HM necessary for training at Fort A.P. Hill. 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, fuels, etc.) and infectious waste must be disposed of in accordance with all State, Federal and local regulations.

(b) Generation, storage and disposal of all hazardous wastes will be coordinated with the DPW Environmental Division at extension 8255.

(c) Hazardous wastes will not be mixed.

(d) Used oil, 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 ED 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) Used oil filters will be drained and taken to DS Maintenance (DSM) for proper disposal and recycling.

(g) All aerosol containers will be taken to DOL Warehouse, building # 1237, or the DOL Supply Storage Site, building # 1340, so they can be depressurized, drained and disposed of in accordance with all State, Federal and local regulations, or contact the DPW ED at extension 8255 to coordinate proper disposal.

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

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

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

(k) 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 at extension 8801/8805.

(l) All vehicles and equipment which will be used for targets 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 to a range or into the impact area and used as a target. A copy of the DA 2407 must be sent to the Environmental Division a minimum of one (1) working day prior to the vehicle being moved into the impact area.

(m) No used or unused targets, equipment, etc. will be removed out of the controlled access area without the approval of the Environmental Division, and without proper inert certification documents.

(3) Battery Disposal:

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

(b) The following batteries will be turned in to the Supply Storage Site (SSS) warehouse, building # 1340, 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. Automotive batteries will be turned in to DS Maintenance. See Fort A.P. Hill Regulation 200-3 for more information.

(4) Vehicle and Equipment Washing:

(a) The Central Vehicle Wash Facility (CVWF), located on Shackleford Road, 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 Morale, Welfare and Recreation (DMWR). A representative of the DMWR can be reached at extension 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 ED 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 located at least 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 ED 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 ED at extension 8255.

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

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

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

(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 DES Dispatch at extension 911, 8888 or 8121 as stated in Fort A.P. Hill 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 soils or materials should be directed to the DPW ED at extension 8255.

(c) When handling large amounts of 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 ED at extension 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 ED 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. FAPH has several mobile secondary containment systems available for use; contact the DPW ED at extension 8255 for further information.

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

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

(a) Use only authorized locations for the disposal of trash and garbage. Training units shall coordinate with DPTMS on the disposal locations upon in-processing.

(b) 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 Straps

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

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

(e) Battery disposal is contained in Fort A.P. Hill Regulation 200-3 (Battery Disposition and Disposal). Vehicular batteries are taken to DS Maintenance, 19695 EP4 Compound, building # 1290, extension 8440, for disposal. Contact the DOL SSS, building # 1340, extension 8314 (or the DPW ED, extension 8255), for the correct disposition of other batteries.

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

(g) 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 home with the training unit. Dispose of unusable concertina wire at the scrap yard or contact the DPW ED at extension 8255.

(h) Police all areas before, during and after training activities. Remove all litter and dispose of it in the appropriate locations.

(i) Dumping of any ordinary or household trash, 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 ED at extension 8255.

(j) Removal of any targets, equipment, soil, etc. from the controlled access area (impact area) is strictly prohibited without the approval of the Environmental Division, and without proper inert certification or documentation.

(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 sitting 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 ED 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) Follow noise mitigation measures as outlined in the Fort A.P. Hill, Environmental Noise Management Plan. A copy is available for review in the DPW ED office, extension 8255.

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 (DPTMS).

(b) Use caution with cigarettes and pyrotechnics. Before leaving training areas police the areas for butts and expended pyrotechnics.

(c) The use of open flame and pyrotechnics is prohibited when the fire index is "Category IV, Very 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 Dispatch at extension 911, 8888 or 8121.

(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 ED at extension 8255 of any pesticide usage on the installation **prior** to application. This includes materials used in the field sanitation kits.

(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 ¼ mile of the Bald Eagle nesting sites is limited to 1000 feet from 15 November to 15 July. Contact the DPW ED 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 ED 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 Division at extension 8255. All work in the area must cease until the DPW ED has evaluated the area. Authorization to continue work will be given by the DPW ED.

(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), building # 390 from October through January at extension 8244 or at the Community Recreation Division, building # 106 at extension 8219 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 ED 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 may be obtained at DMWR 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 are regulated by federal and state law and must be protected. Any proposed activity that could damage these resources may require additional environmental review and must be coordinated through DPW ED at 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 DPW ED as well as DPTMS.

(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 office hours for office space; 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 3000 miles lubrication service.

(e) Temperature controls on hot water heaters should be set not 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 ED by calling extension 8255.

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