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**Installations – General
Environmental Management**

Summary. This regulation applies to environmental protection and enhancement at Fort Eustis and Fort Story. This is a new regulation that replaces the former Hazardous Material and Waste Management SOP; TCFE Pam 200-1, Integrated Solid Waste Management; TCFE Pam 715-1, Affirmative Procurement Program; Asbestos and Lead Paint Management SOPs; Policy Brief 200-6, Hazardous Substances Discharges/ Integrated Contingency Plan; and Policy Brief 200-7, Environmental Aboveground Storage Tank Program.

Applicability. This regulation applies to Active Army, Army National Guard, US Army Reserve, tenants, contractor activities, and lessees performing activities in support of the Army located on real property under Department of the Army jurisdiction. Contracts to operate Government-owned facilities shall reference this regulation and will designate by specific citation the applicable provisions of this regulation.

Availability. This publication is distributed on the Fort Eustis Public Folders and the DPW-ENRD web site, <https://dpw-web.eustis.army.mil/ENRD/ENRDHome/index.htm>.

Supplementation. Units may supplement this regulation, but may not make any provision more restrictive without prior approval from the Commander, US Army Transportation Center. No provision of this regulation creates or is intended to create a right or entitlement on the part of any person.

Suggested Improvements. The proponent of this regulation is the Director of Public Works, Fort Eustis. Send comments and suggested improvements on DA Form 2028 (Recommended Changes to Publications and Blank Forms) through channels to Commander, US Army Garrison Command, Fort Eustis, VA 23604.

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**Chapter 1
Introduction**

1-1. Purpose. This regulation prescribes policies and procedures for conservation, protection, and enhancement of the environment at Fort Eustis and Fort Story and supported facilities.

1-2. Applicability.

a. This regulation applies to all Active Duty, Reserve and National Guard Component commands and units (including tenant organizations), civilian agencies, contractors, and individuals (military and civilian) living, visiting or working on Fort Eustis. Except where specifically stated, the term “Fort Eustis” includes the Fort Eustis military installation and its sub-installation, Fort Story in the City of Virginia Beach.

b. Some requirements in this regulation prescribe coordination, reports, and/or procedures that are specific to agencies and organizations located on the Fort Eustis installation. Agencies and organizations located on the sub-installation will contact the Fort Eustis environmental office for the requirement(s) applicable on the sub-installation.

c. Supplement to the regulation.

(1) Commanders and directors of Fort Eustis and tenants may further supplement this regulation as appropriate to include policies and procedures that address specific sub-installation or command conditions/requirements. These supplements will be coordinated with ENRD, the proponent of this regulation.

(2) McDonald Army Community Hospital (MACH), where stated in the regulation, is exempt from some installation requirements where unique medical conditions preclude or make compliance impractical. MACH will prepare a supplement to this regulation that includes internal compliance procedures applicable to its unique conditions. The supplement will be coordinated with the Environmental and Natural Resources Division (ENRD), Directorate of Public Works (DPW).

d. US Army Reserve Centers and other DOD and non-DOD tenants will comply with this regulation which will be referenced under the provisions of their interservice support agreement with Fort Eustis.

1-3. References. See References section.

1-4. Explanation of Terms. See Glossary section.

1-5. Precedence of Federal, State and Local Environmental Laws and Regulations. This regulation implements the requirements of federal, state, regional and local environmental laws and regulations. Where there is a conflict between a requirement of this regulation and a current requirement of an applicable federal, state, regional or local law or regulation, the latter will have precedence for compliance.

1-6. Punitive Action. Violation of many of the requirements in this regulation is punishable under federal, state, or local law. Military personnel are also subject to punitive action under the Uniform Code of Military Justice, and civilian personnel to disciplinary action within civilian personnel policies.

1-7. Federal Facility Environmental Compliance.

a. Presidential Executive Order 12088, *Federal Compliance with Pollution Standards*, mandates federal agency compliance with federal, state, and local environmental requirements, including pollution control requirements. Violators can be held personally liable for cleanup costs and civil/criminal penalties; such persons include not only the actual individual who caused the violation, but also the supervisory (military and civilian) personnel who allowed the violation to occur and/or failed to take appropriate action to prevent or correct the violation.

b. The Federal Facility Compliance Act (FFCA) subjects Fort Eustis' environmental programs to greater scrutiny by regulators, legislators and possibly the general public. Specifically, the FFCA:

(1) Amends the solid and hazardous waste provisions of the Resource Conservation and Recovery Act (RCRA). It waives previous federal sovereign immunity under RCRA and allows state, county and local governments to impose substantive and procedural requirements; require payment of service charges, including fees; and impose fines and penalties on federal facilities for violations of solid and hazardous waste laws.

(2) Requires the Environmental Protection Agency (EPA) to inspect all federal facilities annually. In addition, Virginia may conduct its own independent inspections. The cost for both inspections could be borne by the federal agency being inspected.

c. Presidential Executive Order 13101, *Greening the Government Through Waste Prevention, Recycling and Federal Acquisition (also known as Affirmative Procurement Program)*, directs that federal facilities comply with the buy-recycled program established under section 6002 of the Resource Conservation and Recovery Act (RCRA).

RCRA inspections or multi-media regulatory compliance inspections where RCRA compliance is a component of the inspection will include, where appropriate, evaluation of facility compliance with section 6002 of RCRA and any implementing guidance.

d. Presidential Executive Order 13148, *Greening the Government Through Leadership in Environmental Management*, directs that federal agencies ensure all necessary actions are taken to integrate environmental accountability into day-to-day decision making and long-term planning processes, across agency missions, activities, and functions.

e. The Emergency Planning and Community Right-To-Know Act (EPCRA) directs organizations to provide the Emergency and Hazardous Chemical Inventory (Tier Two) and Toxic Chemical Inventory (Form R) Reports.

1-8. Fort Eustis Environmental Policy. The following statements define the broad Fort Eustis policy and are applicable to users of this regulation:

a. Comply with all applicable environmental policy, laws and regulations.

b. Identify potential sources of pollution and meet or exceed Army goals for prevention of pollution.

c. Assess the effects on the environment of activities, projects, training exercises, products, and services before implementation. Set objectives and targets to minimize adverse environmental impacts. Implement and monitor programs to achieve objectives and targets.

d. Conserve and preserve natural and cultural resources so they will be available for present and future generations to use.

e. Restore previously contaminated sites as quickly as funds become available.

f. Promote continual improvement in our environmental management system.

1-9. Installation and Regulatory Agency Relationships.

a. The Directorate of Public Works Environmental and Natural Resources Division (ENRD) is responsible for all coordination between Fort Eustis and regulatory agencies unless such coordination is handled by another organization through an established program approved by ENRD.

b. ENRD will coordinate inspections and site visits of agencies having proper authority to evaluate or monitor compliance with environmental permits or regulations. Visitors will be accompanied by a member of ENRD and the Fort Eustis staff agency point of contact. Regulators' visits may be "no notice" inspections.

1-10. Permits. Fort Eustis must obtain recurring and one-time permits to meet environmental compliance requirements established by federal, state, regional or local regulatory agencies. All permit applications for the Fort Eustis installation and the sub-installation will be coordinated through ENRD. Garrison activities, Commanders, Reserve Centers and other tenants will be responsible for preparing applications for required permits. Permit application (or renewal) review by applicable federal, state and local regulatory agencies typically involves a lengthy review. Different types of permits vary as to the length of time these agencies require before denial or issuance of a given permit. Activities must accept these potential lengthy review periods and plan accordingly. Assistance is available from ENRD in preparing and reviewing permit applications. Copies of all final permits will be furnished to ENRD for filing and monitoring. See Appendix E for a discussion of wetland and coastal zone permits. Fort Eustis and Fort Story both hold air, drinking water, and storm water discharge permits. Installation staff and tenant activities will not make interpretations on whether given permits are required. Proponents for actions/projects are not authorized to make interpretations as to whether permits are required. Proponents will coordinate with ENRD who will coordinate with respective regulatory agencies regarding the need for permits. Hardcopy responses from regulatory agencies must be obtained in order to determine whether permits are required.

1-11. Education and Training. Major subordinate commanders and staff directors must ensure that soldiers and civilians performing duties which may affect environmental compliance or have the potential to cause environmental damage have adequate knowledge and skills to perform their missions in an environmentally sound manner. Appendix C lists the training available to activities.

a. Pollution prevention training requirements and responsibilities are in Appendix Q of this regulation.

b. Training requirements for individuals performing functions associated with the management of hazardous material/hazardous waste (HM/HW), spill prevention & response, and responsibilities for conducting the training are stated in Appendix C of this regulation.

c. Other environmental training such as environmental awareness, environmental impact assessment & documentation, and asbestos/lead-based paint management may be provided upon request.

1-12. Environmental Audits. Fort Eustis will undergo both external and internal multimedia environmental audits in accordance with DA and TRADOC/NERO policy. The Environmental Compliance Assessment System (ECAS) is the program for external audits. ECAS will also evaluate an installations' Environmental Management System. Internal audits are conducted and reported through the Installation Status Report Part II (Environment). The internal and external audits will be conducted according to frequencies directed by DA and TRADOC/NERO policy.

**Chapter 2
Responsibilities**

2-1. Purpose. This chapter delineates staff responsibilities for the management of the environmental and natural resources program of Fort Eustis and Fort Story. The Commanding General, US Army Transportation Center and Fort Eustis, has overall responsibility for management of the environmental and natural resources, but specific staff responsibilities have been assigned as defined in the following paragraphs.

2-2. Garrison Activities.

a. Directorate of Public Works (DPW). The DPW is the staff directorate responsible for managing environmental compliance, conservation, protection, restoration, and other environmental programs.

(1) The DPW will:

(a) Provide fiscal and personnel assets to the extent these programs are funded necessary to accomplish environmental programs, and monitor management of those programs.

(b) Ensure that DPW-ENRD participates in the review of all minor and MILCON construction and demolition projects during project scoping, concept and design phases to identify and incorporate environmental requirements in the project descriptions and/or contract specifications. For **all** of its minor construction and MILCON projects, the installation will achieve at least a bronze rating using the Corps of Engineers Spirit criteria.

(c) Ensure that DPW-ENRD participates in the review of maintenance, utility, and service contracts (JOC, DPW Contract, DOL Contract, etc) to ensure that all FAR clauses related to environmental management are included.

(d) Provide status of energy and water use at the installation to the pollution prevention coordinator.

(e) Housing and RCI Partner along with ENRD coordinate input on solid waste management for the Family Housing Occupant's Handbook.

(f) Coordinate environmental information, to include asbestos, lead paint, radon, and solid waste management, with the housing area coordinators and/or RCI general partner.

(g) Designate Chief, Fire and Emergency Services as Incident Commander in the event of an oil and/or hazardous chemical spill.

(h) Designate DPW employees and contractors to attend annual environmental management training to include: basic, intermediate and advance environmental management training and spill response training for designated staff.

(i) Ensure employees and contractors implement appropriate techniques for hazardous materials and oil spill prevention at their work areas.

(j) Ensure the boilers located at Buildings 587, 801 and 2701 have qualified operators, good operating procedures and a maintenance schedule to comply with the installation's air permit to minimize emissions.

(2) The ENRD, for the DPW, is the installation environmental office and is responsible for environmental program development and management. The ENRD will:

(a) Serve as the point of contact for federal, state, regional, local and other agencies with regard to environmental matters.

(b) Coordinate and manage installation actions for implementing the provisions of this regulation.

(c) Assess installation environmental compliance and achievement with DOD, DA, and installation environmental goals.

- (d) Perform required budgeting actions in support of the environmental program.
- (e) Provide input for Installation Status Report, Environmental Quality Report, and other installation reports, such as Master Plan and Installation Strategic Plan.
- (f) Attend Command staff meetings, representing the Command environmental program.
- (g) Provide newcomer briefings as requested for CG, Chief of Staff, Garrison Commander and their respective Sergeants Major.
- (h) Assist installation program managers and military trainers in assessing potential environmental impacts of planned activities, and provide technical assistance for meeting environmental compliance requirements.
- (i) Schedule and conduct the following environmental training:
 - Advanced Environmental Management (AEM) training for AECs and HWCs; and provide standardized training modules for Basic Environmental Management (BEM), and Intermediate Environmental Management (IEM) training as listed in Appendix C.
 - Spill Prevention training as listed in Appendix C.
 - Oil spill response training and response exercises as listed in Appendix C.
 - Asbestos and lead-based paint training as listed in Appendix B1-3-4 and B2-2-1.
 - Environmental awareness for OPD, NCOPD and other tenant activity training opportunities as listed in Appendix C.
 - Environmental planning, impact assessment and documentation training as listed in Appendix C.
 - Underground and aboveground storage tank training as listed in Appendix C.
- (j) Obtain data from the HazMarts at Fort Eustis and Little Creek Naval Base, which services Fort Story, to compile for EPCRA, Air Permits (Stationary Source Permit to Operate), and all other required environmental reports, and submit in accordance with report procedures and suspense dates.
- (k) Coordinate Fort Eustis hazardous chemical spill contingency planning and response in accordance with (IAW) the Integrated Contingency Plan (ICP). Plan and conduct an annual installation spill response exercise to test and review ICP procedures.
- (l) Manage the Integrated Solid Waste Program, which includes the operation of the Fort Eustis and Fort Story Hazardous Waste Accumulation Facilities and the Fort Eustis Solid Waste, Recycling, and Pollution Prevention Center, Fort Story Recycling Yard, and the Household Chemical Exchange.
- (m) Manage air, drinking water, storm water, and waste water programs to insure compliance with permits.
- (n) Coordinate the sampling of buildings for the presence of asbestos and lead-based paint and maintain records of occurrence and abatement.
- (o) Manage the Underground Storage Tank and Above Ground Storage Tank program.
- (p) Coordinate the pollution prevention program, which includes tracking chemical use, implementing strategies for reduction, and outreach activities.
- (q) Coordinate the implementation of an Environmental Management System (EMS).

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(r) Manage the Natural Resource Program, which includes pesticide application, landscaping, fish and wildlife management, and forestry.

(s) Coordinate the Installation Restoration Program, which is responsible for the clean-up of past contaminated sites.

b. Regional Directorate of Logistics (RDOL).

(1) Supervises the partnership agreement with the Fleet and Industrial Supply Center to operate the Fort Eustis HazMart and the Little Creek Hazardous Material Control Center, which service Fort Story. (See TCFE Reg 700-1, Hazardous Material Management for more detail).

(2) Ensure RDOL operations involving the use or handling of HM and Solid Waste, which includes hazardous waste, comply with appropriate regulations and with procedures in this regulation.

(3) Ensure that RDOL paint booths and paint blast facility are maintained to comply with the installation's air permit to minimize particulate emissions. Report monthly paint usage (to include paints, thinners, primers and solvents used for the spray-painting operations) and amount of blast material collected at the Torit cartridge collection system to the ENRD Air Program Manager.

(4) Ensure compliance with the requirements in Appendix O, Ozone Depleting Chemicals.

(5) Gather and report data on fuel use. Data will be reported annually to the Pollution Prevention coordinator.

(6) Ensure compliance with the provisions of Appendix D, Environmental Planning, Impact Assessment and Documentation for all related projects and actions.

(7) Ensure employees and contractors implement appropriate techniques for hazardous materials and oil spill prevention.

(8) Provide quantity and type of fuel used for transient vehicles.

(9) Ensure that wood cyclone is maintained to comply with the installation's air permit to minimize particulate emissions. Report monthly the amount of material collected at the wood cyclone to the ENRD Air Program Manager.

(10) Report monthly the operating hours of all stationary generators maintained by RDOL throughout the Post to comply with the installation's air permit. Reports are to be submitted to the ENRD Air Program Manager.

(11) Report monthly the throughput of gasoline at Building 2734 in order to comply with the installations air permit. Reports are to be submitted to the ENRD Air Program Manager.

(12) Ensure the fuel used at boiler plants 587, 801 and 2701 is distillate oil as defined; fuel oil that meets the specifications for fuel oil numbers 1 or 2 under the American Society for Testing and Materials, ASTM D396-78, "Standard Specification for Fuel Oils". The maximum sulfur content shall not exceed 0.5 percent by weight per shipment. A fuel certification shall be obtained from the fuel supplier with each shipment of distillate oil for the above boilers. Each fuel supplier certification shall include the following:

(a) The name of the fuel supplier.

(b) The date on which the distillate oil was received.

(c) The volume of distillate oil delivered in the shipment.

(d) A statement that the distillate oil complies with the American Society for Testing and Materials Specifications for numbers 1 or 2 fuel oil.

c. Directorate of Plans, Training, Mobilization and Security (DPTMSEC).

(1) Provide technical assistance to the ENRD in preparation of spill response plans and in the planning and conduct of spill response exercises.

(2) Coordinate all Integrated Training Area Management (ITAM) projects with ENRD.

(3) Gather and report data on munitions expended in training on Fort Eustis. The data will be reported on a quarterly basis to the ENRD EPCRA Program Manager.

(4) Provide data on the fueling of transient aircraft quarterly.

(5) Support ENRD access to training areas.

(6) Schedule US Army Reserve and National Guard units for hazardous material/oil spill prevention and response briefing given by ENRD prior to commencement of training or operations.

(7) Inspect the Felker Airfield JP 8 Fuel facility in accordance with the USATC Integrated Contingency Plan and schedule fuel handlers for spill prevention training provided by ENRD at least annually.

(8) Ensure compliance with the provisions of Appendix D, Environmental Planning, Impact Assessment and Documentation for all related projects and actions.

(9) Ensure reserve and National Guard units, employees and contractors implement appropriate techniques for hazardous materials and oil spill prevention.

d. Directorate of Personnel and Community Activities (DPCA).

(1) Manage non-appropriated fund activities so that they are in compliance with environmental regulations.

(2) Provide game harvest data from post hunting program.

(3) Provide gift certificates or other similar awards for the soldiers who participate in Earth Day and America Recycles Day activities.

(4) Provide monthly pesticide use and annual inventory of pesticides stored at The Pines Golf Course and athletic fields.

(5) Provide information about hunting and fishing opportunities at Fort Eustis to the military and civilian communities.

(6) Ensure compliance with the provisions of Appendix D, Environmental Planning, Impact Assessment and Documentation for all related projects and actions.

(7) Ensure employees and contractors implement appropriate techniques for hazardous materials and oil spill prevention.

(8) Provide BOSS soldier support of the environmental program during Earth Day and/or America Recycles Day.

e. Public Affairs Office (PAO).

(1) Inform the public and the Fort Eustis military community of Fort Eustis environmental programs, issues (i.e. spills), accomplishments, and awards.

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(2) Advise the Commander concerning public hearings or public meetings regarding proposed Fort Eustis projects.

(3) Participate in annual spill training exercises.

(4) Publish notices in The Wheel about aerial mosquito control and other pertinent environmental announcements.

f. Command Safety Office.

(1) Provide the Site Safety Officer for spill response incidents, spill training exercises, and semi-annual hunter safety meetings. The Safety Officer will advise on safety and occupational health management issues.

(2) Provide expertise in complying with safety requirements related to federal, state, regional, or local environmental regulations.

(3) Coordinate with the ENRD any environmental issues arising or discovered during safety inspections.

(4) Provide life cycle management to include disposal of Radiological Waste for all ionizing radiation sources brought onto or leaving the installation. Consult the Safety document, TCFE 385-10, which covers handling and disposal procedures.

(5) Establish policies and procedures for local implementation of the Hazard Communication Program and HazWOPER, First Responder Awareness Level to include training.

(6) Serve as the command point of contact with the US Department of Labor-OSHA (USDOL-OSHA), state OSHA organizations and other federal, state, regional or local safety agencies.

(7) Establish and serve as the staff proponent for safety and occupational health programs derived from USDOL-OSHA and other Army and Army-adopted safety and occupational health standards, as outlined in AR 385-10, as they apply to environmental matters.

(8) Participate in annual spill training exercises.

g. Staff Judge Advocate (SJA).

(1) Provide legal advice and assistance in the interpretation of environmental statutes and regulations and other issues affecting the management of the environmental program.

(2) Interface with the Department of Defense, Department of Justice, the United States Attorney, and state and local attorneys on all litigation or potential litigation concerning environmental issues.

(3) Review environmental documentation required for Fort Eustis actions and other environmental documents and correspondence for legal sufficiency.

(4) Review environmental contracts.

h. Internal Review and Audit Compliance (IRAC).

(1) Provide cost benefits analysis as requested for environmental projects.

(2) Conduct audits of environmental programs as requested.

i. Directorate of Resource Management (DRM). Provide support for all billing activity related to HazMart and Solid Waste Management to include Hazardous Waste Management.

j. Provost Marshal Office (PMO).

(1) Respond and investigate any environmental emergency and/or incident such as a fire, spill, explosion, discharge, and abandoned hazardous materials/wastes.

(2) Participate in annual spill prevention training exercises.

(3) Respond to violations of environmental laws such as the Federal Facilities Compliance Act (FFCA), Clean Water Act (CWA), and Comprehensive Environmental Response, Compensation and Liability Act (CERCLA).

(4) Provide enforcement of the Resource Conservation and Recovery Act (RCRA), Archeological Resource Protection Act, and Federal and State of Virginia Wildlife Protection regulations.

k. Directorate of Information Management (DOIM).

(1) Permit environmental information such as regulations and SOPs on the post web site.

(2) Coordinate connectivity among the web pages of installation activities to promote environmental awareness.

2-3. Subordinate Commands, Other Staff Directorates, and Facility Managers.

a. Integrate environmental protection, conservation and enhancement activities into the planning and execution of the military mission to the fullest extent feasible. Plan projects and actions and coordinate such projects and actions with ENRD prior to their commencement to ensure appropriate level of environmental impact assessment and subsequent documentation are prepared in accordance with the National Environmental Policy Act (NEPA) and AR 200-2.

b. Implement the requirements of this regulation.

c. Participate in annual spill training exercises as requested.

d. Ensure employees and contractors implement appropriate techniques for hazardous materials and oil spill prevention.

e. Support affirmative procurement which includes the purchase of environmentally preferable products as directed in Appendix S.

2-4. Preventive Medicine Services (PMS), McDonald Army Community Hospital (MACH). The PMS will provide Industrial Hygiene (IH) and related technical support for environmental program management. In coordination with the ENRD, the PMS will:

a. Conduct investigations, consultations, special studies and routine environmental surveys.

b. Provide IH support during spill response action as requested by the Site Safety Officer, Fort Eustis installation response team.

c. Ensure the proper management of regulated medical wastes and mixed wastes generated by MACH activities.

d. Assist in obtaining technical assistance from the US Army Center for Health Promotion and Preventive Medicine (CHPPM).

e. Support the installation pest management program.

f. Maintain the pathological waste incinerator and train operators. Notify ENRD of any change in operating status of incinerator.

2-5. Northern Region Contracting Center – Installation Division.

- a. Support Affirmative Procurement (Presidential Executive Order 13101, Greening the Government through Waste Prevention, Recycling and Federal Acquisition and EO13148, Greening the Government Through Leadership in Environmental Management.)
- b. Advise credit card holders of the installation prohibition for using credit cards to buy hazardous materials.
- c. Coordinate annual updates about hazardous material procurement and affirmative procurement with ENRD for the installation IMPAC Government Credit Card Guidelines.
- d. Ensure contracts contain environmental requirements (including FAR clauses relating to affirmative procurement), as applicable.
- e. Provide a contracting officer for inclusion in the Integrated Contingency Plan to provide emergency contract support for spill response.
- f. Provide on-line to all contractors the brochure titled, “Environmental Policies for Contractors at the US Army Transportation Center.” Brochure is prepared by ENRD.
- g. Promote awareness to NRCC staff, other installation staff, and contractors about the on-line affirmative procurement training on NRCC web site.

2-6. Managers of GOCO Facilities.

- a. Comply with the environmental requirements of the existing contract and the provisions of this regulation.
- b. Prepare an environmental management plan for approval by DPW-ENRD and make revisions as needed.
- c. Document standing operating procedures as required to include environmental compliance and strategies to reduce waste and emissions for major processes.

2-7. Tenants, Federal and Non-Federal.

- a. Comply with installation policies, as well as legally applicable and appropriate federal, state, and local environmental laws. Tenants with Special Access Programs (Flight Concepts Division), or other sensitive activities, will have an Interservice Support Agreement with the installation. The ISA will address environmental oversight, to include funding and facility access.
- b. Additionally, and as stipulated in the ISAs, tenants will:
 - (1) Pay environmental fines and penalties resulting from their activities
 - (2) Immediately report spills or releases of petroleum products, non-petroleum oil, hazardous substances, non-hazardous waste, universal wastes, or hazardous waste to the Fire Department. Pay for disposal and waste containerization, excavation and removal of contaminated media, contract support fees and reimbursement of Fire & Emergency Services Division for consumable spill supplies associated with hazardous material or oil spill incidents for which they are responsible.
 - (3) Report all instances of non-compliance to ENRD within 24 hours.
 - (4) Pay for its solid waste (trash), recycling and hazardous waste disposal costs if they are non-TRADOC/NERO tenants. TRADOC/NERO tenants will only pay for their hazardous waste disposal cost.
 - (5) Pay the costs of separate environmental permits, fees, and unique costs associated with the environmental aspects of their operations. Tenants should program and budget for these requirements through their own chain of

command. Example: Permit which allows “stabbing” of beach for placement of causeways during training operations. Permits within the installation will be managed by ENRD, for example, the air permit will cover all paint booths, even if operated by tenants.

(6) Ensure that the storage, treatment, and disposal of non-DOD hazardous material on the installations complies with 10 USC 2692.

(7) Consistent with law and/or the procedures established in the ISA, provide representatives of regulatory agencies appropriate scheduled and/or unscheduled access to any facility or activity.

(8) Provide data as requested by ENRD for the preparation of federal and Commonwealth of Virginia reports. This data may require information about chemical, compressed gases, and munitions use.

(9) Ensure employees and contractors implement appropriate techniques for hazardous materials and oil spill prevention.

2-8. Contracting Officer’s Representatives (CORs), Contract Administrators, and Project Managers.

a. Meet the AEC training requirements.

b. Ensure contractors follow installation environmental regulations and SOPs. See References section of this regulation.

c. Ensure that contract “Statements of Work” include the applicable environmental FAR clauses and other items from Appendix F.

d. Ensuring contractors with contracts for more than one year, including option years, appoint a primary and alternate AEC.

2-9. All Activities. All Garrison Activities, subordinate commands, other staff directorates, MEDDAC, DENTAC, GOCO facilities, federal and non federal tenants, Contracting Officers, Contracting Officer Representatives, contractors, and subcontractors must comply with the requirements of this section in addition to those listed above.

a. Appoint and ensure training of appropriate activity personnel: Activity Environmental Coordinator (AEC), Hazardous Waste Coordinators (HWCs), Hazardous Waste Supervisors (HWSs), Hazardous Waste Handlers (HWHs), Hazardous Materials Handlers (HMHs), Universal Waste Handlers (UWHs) and Recycling Coordinators (RCs). See Appendix C for training requirements.

(1) All Commands down to battalion or separate company/detachments, and Directorates down to division level will appoint and train one primary and one alternate Activity Environmental Coordinator (AEC). The AEC is the single point of contact for all activity environmental matters and is the Activity Recycling Coordinator. AECs must be in the grade of Warrant Officer (WO1) or above for military units, GS-11 or above for government civilians or equivalent, and appropriate management level for contractor personnel. AECs are required to have an Email address.

(2) When the activity does not have a trained AEC, the Commander or Director having appointing authority for the AEC will sign all Container Contents Logs (CCLs). When the activity does not have a trained HWC, the Commander or Director having appointing authority for the AEC will sign all turn-in documents.

(3) A Hazardous Waste Coordinator (HWC) and alternate will be appointed and trained for each Temporary Storage Site (TSS) and Satellite Accumulation Site (SAS.) HWCs must be in the grade of E-5 or above for military units, GS-5 or above for government civilians or equivalent, and appropriate management level for contractor personnel. HWCs must be trained before performing any HWC duties. HWCs may manage more than one site. This is a major additional duty and other additional duties should be limited. The HWC tasks, listed below, cannot be delegated to other personnel.

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b. Duties of Activity Environmental Staff.

(1) The Activity Environmental Coordinator (AEC) will:

- (a) Keep the chain of command informed on all environmental matters.
- (b) Coordinate communications between ENRD and subordinates.
- (c) Establish a system to track all inspections conducted at the subordinate Activity level and resolve findings.
- (d) Conduct quarterly inspections of all subordinate Activities IAW Appendix J. Ensure HM and Universal Wastes (UW) sites are inspected monthly, and HW sites are inspected weekly. Maintain Inspection files for at least 3 years.
- (e) Assist the subordinate AECs and HWCs in managing their environmental programs.
- (f) Develop and/or maintain the hazardous material management program for their activities IAW this regulation, specifically this chapter and Appendices G, I, J, and K, including collecting and submitting subordinate units required quarterly Hazardous Material Inventory Reports IAW Appendix G, TAB 1, of this regulation.
- (g) Develop, if needed, a unit-specific Standing Operating Procedure (SOP) which will supplement the pertinent requirements of this regulation and coordinate this with ENRD. Assistance in developing the SOP is available from ENRD.
- (h) Facilitate the appointment of subordinate level Recycling Coordinators and ensure their training IAW Appendix C.
- (i) Coordinate new missions, new operations, construction, renovation, new system/ equipment deployment, new system/equipment testing and evaluation, and training/exercise actions with ENRD to determine the level of environmental impact assessment and subsequent environmental documentation, required under the National Environmental Policy Act and AR 200-2.
- (j) Sign the sworn certification on the Container Content Log when wastes are being turned-in.
- (k) Manage and supervise subordinate level environmental training.
- (l) Coordinate with ENRD the registration of all personnel being assigned as AECs and HWCs by his/her activity. Ensure all TCFE 643 forms are correctly completed and turned-in by the published suspense date for each class.
- (m) Ensure UWs are appropriately managed IAW this regulation and that Universal Waste Handlers (UWHs) are trained IAW Appendix C. Maintain a list of all UW storage locations.

(2) The Recycling Coordinator (RC) will:

- (a) Keep the chain of command informed on all recycling and solid waste matters.
- (b) Coordinate communications between his/her activity and the AEC.
- (c) Serve as the POC for all recycling and solid waste issues.
- (d) Ensure that the activity receives information concerning recycling.
- (e) Ensure that recyclables are properly sorted and ready for pickup.
- (f) Ensure that recycling areas are neat and orderly.

(g) Develop a plan in coordination with the AEC to ensure maximum participation by all personnel applicable to the activity.

(h) Screen materials to ensure that they are appropriate for turn-in for recycling.

(i) Contact the Solid Waste, Recycle, and Pollution Prevention Center, Tel 878-4232, Building 1209 for Standing Operating Procedures (SOP).

(j) Evaluate the contents of Solid Waste Dumpsters at least once a quarter by performing a “dumpster dive” in coordination with Solid Waste Recycling and Pollution Prevention Center, Building 1209.

(3) The Hazardous Waste Coordinator (HWC) will:

(a) Keep the chain of command informed on all environmental matters.

(b) Inspect HW sites weekly every seven calendar days, and inspect HM and UW sites monthly. Maintain Inspection files for at least three years.

(c) Develop, if needed, a unit-specific Standing Operating Procedure (SOP) which will supplement the pertinent requirements of this regulation.

(d) Ensure turn-ins of HWs & UWs are accomplished within the appropriate time limitations.

(e) Train activity HWSs, HWHs, HMHs, UWHs, and RCs .

(f) Be the Recycling Coordinator at this level.

(g) Order or purchase HM for the unit/organization.

(h) Maintain a register for HM orders and purchases.

(i) Prepare or review Authorized Use List (a Hazardous Material Inventory) and request changes through coordination with ENRD.

(j) Assist the AEC with developing and/or maintaining the activity’s hazardous material management program IAW Para 2-7n (6) of this regulation.

c. Hazardous Material Management. All activities are required to purchase all hazardous materials from the FE HazMart or from the Naval Amphibious Base (NAB) HazMin Center/Little Creek for Fort Story activities. Activities may not use credit cards or GSA accounts to purchase hazardous materials, unless the materials appear on the exemption list. Copies of the FE & FS USATC HazMart Informational Handbook may be obtained from the FE HazMart, Bldg 1205.

d. Hazardous Waste Management.

(1) Fort Eustis and Fort Story are not permitted to receive hazardous or universal wastes generated off the installation. Under no circumstances will hazardous or universal wastes generated off post be brought onto post nor will hazardous or universal wastes be transported between Fort Eustis and Fort Story. FE/FS activities generating hazardous or universal wastes at other locations must comply with that installation’s or host country’s HWM regulations.

(2) Manifest Signature Authority. Only personnel authorized in writing by the Commanding General can sign hazardous waste manifests, non-hazardous waste manifests, or bills of lading for non-hazardous waste. The Commanding General grants DPW-ENRD this authority and DPW-ENRD may grant this authority in writing to others as required on a limited basis. Activities must submit a list of personnel seeking authorization in writing as of

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January each year. This authorization is good for one calendar year only. Activities must ensure all training requirements are up-to-date or remove personnel from the list and notify DPW-ENRD immediately.

e. Spills. Spills or discharges of hazardous materials or wastes must be reported to the Fire Department (911) IAW Appendix T.

f. Inspections. Activities are required to do weekly, monthly, and quarterly inspections IAW Appendix J.

g. Funding. As required, all activities will fund sampling and analysis costs, spill clean-up and a prorated share to support operation of the Hazardous Waste Accumulation Facilities, and HazMart.

Chapter 3

Environmental Committees, Outreach and Environmental Excellence Awards

3-1. Purpose. This chapter establishes policy and procedures for the Environmental Quality Control Committee and discusses outreach activities which ENRD sponsors and uses to promote environmental awareness. It also lists awards that have been established to recognize excellence in environmental compliance and management.

3-2. Environmental Quality Control Committee (EQCC).

a. Purpose. The EQCC advises the command on environmental priorities, policies, strategies, and programs. A subcommittee(s) will also perform management oversight for the implementation of an Environmental Management System.

b. Organization. The EQCC consists of members representing the operational, engineering, planning, resource management, legal, medical, and safety interests of the Command, including military installation tenant activities.

c. Meetings. Meetings are held at least semi-annually and the Commanding General and/or Garrison Commander will chair these meetings. Subcommittees will meet as required to accomplish their goals.

3-3. Restoration Advisory Board or Technical Review Committee.

a. Background. Fort Eustis canvassed its surrounding communities for potential interest in establishing a RAB in 1997 and 1999. There was not enough interest to form a RAB. Due to the lack of community interest, qualified applicants from the canvassing were asked to participate in the Technical Review Committee (TRC).

b. Technical Review Committee

(1) The Technical Review Committee (TRC) is a forum to facilitate communication and coordination; provide review and comments on Installation Restoration Program (IRP) activities; and facilitate regulatory and public participation. The law which requires federal installations to establish a TRC is 10 United States Code Section 2705(c) (SARA Section 211).

(2) Members of the TRC include Fort Eustis, US Environmental Protection Agency (EPA) Region III, Virginia Department of Environmental Quality (VDEQ), US Fish and Wildlife Service, National Oceanic Atmospheric Administration (NOAA), Virginia Institute of Marine Science, City of Newport News Emergency Services, City of Newport News Wetlands Board, Virginia Department of Emergency Services, Virginia Department of Health, Virginia Marine Resource Commission and several members of the local community.

(3) Meetings are held semi-annually with a written status/newsletter sent to each TRC member between meetings.

3-4. Local Emergency Planning Committee and Mid-Atlantic Coastal Area Committee.

a. Local Emergency Planning Committees (LEPC). LEPCs are mandated by federal law and consist of representatives from local government, emergency planners and responders, federal facilities, military installations, private industry and citizens. Such committees serve two primary purposes. They are responsible for collection of information about hazardous substances stored or used at federal or private facilities with dissemination of such information to the community if requested. They are also charged with developing a contingency plan to deal with releases of hazardous substances originating from such facilities that may affect the local community. LEPCs are recipients of the installations' Emergency and Hazardous Chemical Inventory (also known as the Tier Two report as described in Appendix G of this regulation). This aspect, plus the importance of being a contributing member to the local area, represents the criteria for maintaining active membership on LEPCs.

(1) Representation. The US Army Transportation Center participates on two LEPCs. ENRD represents Fort Eustis and Fort Story on the Peninsula LEPC and the Virginia Beach LEPC, respectively.

(2) Attendance. LEPC meeting dates and locations may vary but usually occur two to four times per year. Representatives shall attend meetings in accordance with established LEPC by-laws.

(3) Participation.

(a) Incorporating installation information into the LEPC contingency plan. Installation representatives shall be prepared to discuss hazardous material storage and use activities, Emergency and Hazardous Chemical Inventory reports, and contingency planning within the installation.

(b) Other duties. Installation representatives may participate in other ways. This includes election to or volunteering to serve as an executive board member such as secretary, treasurer or special subcommittee chair. However, installation representatives are precluded from the positions of LEPC chairperson or vice chairperson. Other assistance may include participation in exercises or various subcommittees.

b. Mid-Atlantic Coastal Area Committee (MACAC). The MACAC is a local organization charged with the responsibility of fostering cooperation among federal, state and local authorities, petroleum storage and distribution facilities, federal facilities, military installations, and private industry in petroleum and hazardous material spill prevention and contingency planning.

(1) MACAC Region of Responsibility. The MACAC region is from southeastern Maryland (including the Eastern Shore), coastal Virginia (including the Hampton Roads area) and northeastern North Carolina. The MACAC is chaired by the US Coast Guard Marine Safety Office – Hampton Roads and typically includes participation by the US Environmental Protection Agency Region 3, Virginia Department of Environmental Quality, representatives from Maryland and North Carolina, LEPCs, state and local emergency responders, private industry, military installations and federal facilities.

(2) Representation. ENRD represents both Fort Eustis and Fort Story on the MACAC.

(3) Attendance. MACAC meeting dates and locations may vary but usually occur two to four times per year. Representatives shall attend all meetings.

(4) Participation.

(a) Incorporating installation information into the MACAC Contingency Plan. Installation representatives shall be prepared to discuss hazardous material and petroleum storage and use activities, Emergency and Hazardous Chemical Inventory reports, and contingency planning within the installation.

(b) Other duties. Installation representatives may participate in other ways. This includes election to or volunteering to serve as an executive board member or special subcommittee chair. Other assistance may include participation in exercises or various subcommittees.

3-5. Outreach.

a. Earth Day. This celebration is part of a national event, held annually in April, to highlight environmental awareness throughout the United States and also on military installations. The event usually features an activity to foster soldier participation such as a foot race and/or musical entertainment. An environmental awards ceremony is also held at this time to honor soldiers and civilians who have supported the environmental program throughout the year, and the Commanding General signs an installation proclamation to support environmental stewardship. The event also encourages participation in the awards ceremony by local school children.

b. America Recycles Day. This is another national event to promote recycling and the purchase of products with recycled content and occurs annually in late October. ENRD coordinates tours of the installation Solid Waste, Recycling and Pollution Prevention Center for local school children. It also promotes vendor displays of products with recycled content and conducts a competition with a recycling theme for soldiers. The Command awards prizes to the winners.

c. ENRD Website. DPW-ENRD has a website which provides a variety of information about environmental programs such as drinking water, hazardous material management, and spill prevention. Copies of a variety of SOPs, flyers, and brochures are available for activities to download. The site also contains notices of special events and regulatory changes. The address is: <https://dpw-web.eustis.army.mil/ENRD/ENRDHome/index.htm>

d. Flyers/Brochures. ENRD has prepared numerous flyers and fact sheets to promote environmental awareness. These are available at ENRD, Building 1407. Some are on-line at: <https://dpw-web.eustis.army.mil/ENRD/ENRDHome/index.htm>. Topics covered in these brochures and flyers are: asbestos, drinking water, environmental policies for contractors, environmental risk assessment, green purchasing, hazardous materials and waste management, household chemical exchange, lead-based paint, and spill prevention.

e. Administrative Record. Fort Eustis was placed on the EPA's National Priorities List (NPL) in 1994. According to Section 113 of CERCLA, Fort Eustis is required to establish an Administrative Record (AR) for the Fort Eustis NPL Site. An AR contains those documents that form the basis for selection of a response action and under Section 113 (j) of CERCLA, judicial review of any issue concerning the adequacy of any response action is limited to the contents of the AR. Additionally, the AR acts as a vehicle for public participation in the selection of a response action. The creation of a complete AR is an ongoing process; therefore, in the interim, the AR is referred to as an Administrative Record File (ARF). The ARF is required by CERCLA to be located at or near the site in order to ensure public access to the information regarding site cleanup activities. The copy of the Fort Eustis ARF can be found at: US Army Transportation Center, ATZF-PWE, Building 1407, Fort Eustis, VA 23604. Additionally, three information repositories are maintained at three local public libraries; Groninger Library, Building 1313, Fort Eustis, VA 23608; Christopher Newport University Library, 1 University Place, Newport News, VA 23606; and Grissom Public Library, 366 DeShazor Drive, Newport News, VA 23606.

f. Other. ENRD coordinated the creation of a two-mile walking trail which begins behind Jacobs Theater and crosses Fort Eustis Lake to an overlook at Boy Scout Camp - Training Area 7.

3-6. Fort Eustis Awards .

a. Individual Environmental Excellence Award. This award, sponsored by the Environmental and Natural Resources Division, DPW, recognizes outstanding individual achievement in the area of environmental stewardship. The awards program can serve as a catalyst for environmental awareness and pride for the people who live and work on Fort Eustis and Fort Story. Some categories of good environmental stewardship are provided below:

- waste reduction
- recycling (paper, aluminum cans, cardboard, oil filters, waste oil, etc)
- organizing unit environmental training events (spill prevention, hazardous waste handling)
- participation in America Recycles Day and/or Clean The Bay Day
- improvement of wildlife habitat
- minimizing impacts of training operations to soil, vegetation, and wildlife
- using measures to reduce erosion to shorelines and soils

- using measures to conserve water and energy
- using “green” products such as latex paint, re-refined oil, plastic lumber

ENRD staff review the nominations for appropriateness. Individuals are notified of their selections in mid-April and are invited to attend the Earth Day ceremony. Plaques are presented to winners by the Commanding General at the annual Earth Day Ceremony. Recommendations are solicited six to eight weeks before the annual Earth Day event and forwarded by e-mail to Haynes.D@eustis.army.mil, by distribution to ENRD, Building 1407, Fort Eustis or nomination forms on ENRD web site (<https://dpw-web.eustis.army.mil/ENRD/ENRDHome/index.htm>) can be faxed to Tel 878-4589.

b. Best Installation Landscaped Sign. This is part of a Chief of Staff sponsored, Good Neighbor Award program, which is held annually in April. The competition has several categories for judging the quality of landscaping: best landscaped sign – installation activity; best landscaped sign - barracks; and the best landscaped yard - family housing occupants. ENRD provides the criteria for judging.

Chapter 4

Environmental Programs

4-1. Purpose. The purpose of this chapter is to provide an overview of the programs which the Environmental and Natural Resources Division manages. It also provides specific references to SOPs and other documents which detail the policy, regulatory requirements, and procedures associated with the environmental program areas.

4-2. Environmental Programs.

a. Air. The installation air program addresses air quality issues associated with exposure to outdoor air pollutants. The purpose of this program is to manage air emissions to protect human health and the environment and to comply with all legally applicable and appropriate federal, state, and local air quality control regulations. This section covers air quality issues addressed by the Clean Air Act, as amended. Commonwealth of Virginia Department of Environmental Quality has issued to Fort Eustis a Stationary Source Permit to Operate and is in the process of issuing Fort Story a permit to operate. Appendix A contains additional information about the air program. Issues concerning asbestos and ozone depleting chemicals are addressed in Appendices B1 and O respectively. Radon is another component of the program. The Army conducted an extensive Radon Assessment Program in the 1990s. About 85 percent of priority 1 structures (day care centers, hospitals, schools, and living areas) were tested. The results indicated that no indoor structures required mitigation at Fort Eustis and Fort Story. Indoor radon levels will be tested in newly constructed units and in units not previously tested IAW AR Pam 200-1. EPR projects for radon testing have been submitted and testing will be conducted when environmental funds become available.

b. Asbestos and Lead-Based Paint. The asbestos and lead-based paint programs consist of: facility survey/sampling records, survey/sampling services, asbestos/lead abatement, and the training program. There are survey/sampling records for most buildings on Fort Eustis and Fort Story. These records are usually comprehensive, including information on any asbestos or lead-based paint surveys that have been done, records of any samples that have been taken for lead or asbestos, and records of any abatement projects that may have been done. There is also a sampling contract for all types of asbestos and lead analyses that can be executed quickly. Abatement services are available through contract. Asbestos Awareness and Lead Awareness training are given annually. The asbestos and lead-based paint programs also features outreach initiatives, such as brochures and displays. See Appendix B1 and B2 for specific information about the program.

c. Training. Training is an essential part of good environmental management practices and is required by law for some programs. ENRD has continued to provide annual training in a variety of environmental areas. These are: environmental planning, impact assessment & documentation, hazardous material and waste management, general pollution prevention, spill prevention, asbestos awareness and lead awareness. ENRD also provides, upon request, environmental awareness training for commissioned/warrant officer professional development, NCO professional development, and for staff in various Commands and directorates. Appendix B1, B2 and C provides more information about course offerings.

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d. Environmental Planning, Impact Assessment and Documentation. The installation will plan and conduct peacetime mission activities to minimize adverse impacts on the environment. The National Environmental Policy Act (NEPA) requires Army decision makers to consider the environmental effects of their proposed programs, projects, and actions before implementation. In some cases the installation must develop written descriptions of these considerations and provide opportunity for public review. Army requirements for compliance with NEPA and its implementing Federal regulations are addressed in AR 200-2. Appendix D provides more information about this program.

Note: Tenant activities must comply with their on NEPA regulations and the Army regulation for any program which will be implemented on either installation.

e. Permits. Fort Eustis must obtain recurring and one-time permits to meet environmental compliance requirements established by federal, state, regional or local regulatory agencies. Appendix E discusses Wetland and Coastal Zone permits and how to acquire them. Permits for Air (Appendix A), Drinking Water (Appendix W) and Storm Water (Appendix X) are discussed in other appendices as noted.

f. Environmental Policies for Contractors. Contractors provide construction, maintenance and repair, utilities, and other services to the installation. Because they work on a government installation, they must meet all applicable environmental requirements. DPW-ENRD has prepared a brochure, which is in Appendix F and also available on the DPW-ENRD website, to assist contractors in identifying and meeting these requirements.

g. Hazardous Material Management (EPCRA, Compressed Gases, Munitions, Transient Vehicle/Aircraft Fuel). Hazardous materials are those which pose a threat to human health and the environment if they are not properly managed. Proper management practices will be applied throughout the life cycle of research, development, procurement, production, use, handling, storage, and disposition of the hazardous material. The installation also applies best management practices, improved procurement practices and inventory control to prevent waste generation through material spoilage, shelf-life expiration or improper inventory control. Fort Eustis will also minimize use of hazardous materials through pollution prevention actions. See Appendix G for specific information about the program.

h. Hazardous Waste Management (HWM). Hazardous Waste (HWs) are defined as solid wastes that pose a potential hazard to human health or the environment when not properly managed due to their ignitable, corrosive, reactive, or toxic properties. The Resource Conservation and Recovery Act, at the federal level, and the Virginia Hazardous Waste Management Regulations, at the state level, establish a management system for generators, transporters, and disposal facilities. These regulations provide for significant civil and criminal penalties for noncompliance. Training of personnel is the key to compliance! Fort Eustis and Fort Story are considered large quantity generators and must properly remove the HWs from the installation within 90 days of generation. HWs are generated by the use of Hazardous Materials (HM) which nearly every organization on the installation uses. However, not all HMs result in the generation of HWs. These are called Non-Hazardous Wastes and still must be properly managed to prevent pollution. A subset of HWs is Universal Wastes (UWs) which applies to batteries, lamps (fluorescent bulbs), some pesticides, and mercury -containing devices. This relaxation of some of the HWs regulations is meant to encourage recycling of these UWs; however if the UWs are not managed properly, they must then be handled like the more regulated HW. A key provision of the HWM program is Pollution Prevention (P2) which emphasizes the reduction in use of HMs, therefore reducing the generation of HWs, and minimizing the need for treatment and disposal. See Appendix C for training requirements and Appendix H for HWM.

i. Container Management. Appendix I discusses how to order, store, reuse, and dispose of drums and other containers which hold wastes.

j. Inspections. Inspections of various aspects of the environmental program are conducted by DPW-ENRD, Department of Army, Virginia Department of Environmental Quality, and the Environmental Protection Agency. DPW-ENRD has developed checklists to assist installation personnel in preparing for inspections by various regulators. Appendix J further discusses inspection requirements.

k. Storage and Accumulation Site Management. Appendix K discusses the requirements for managing sites which are used for the storage and accumulation of hazardous materials, hazardous wastes, non-hazardous wastes, universal wastes, recycling materials.

l. Installation Restoration Program. The installation restoration program identifies, investigates, and cleans up contamination, resulting from past operations, on Fort Eustis and Fort Story. Fort Eustis is on the National Priorities List (NPL), which means that EPA considers it to need the highest priority for funds for remediation. ENRD has coordinated the investigation/remediation of 27 and 11 sites respectively at Fort Eustis and Fort Story. ENRD determined that eleven Fort Eustis sites and six Fort Story sites required no further action. The remaining sites have either undergone remediation or will be cleaned up in the next three to five years. Information papers about IRP program for Fort Eustis and Fort Story are located in Appendices L1 and L2.

m. Natural Resources. Natural resources management includes the integrated and cooperative management of our nation's resources to provide for optimum biological diversity and multiple uses, consistent with conservation stewardship and the Army mission. The Army's policy and guidance on natural resources are described in AR 200-3 (formerly AR 420-74). TCFE Regulation 210-15, 30 August 2001, provides additional information about hunting and fishing regulations. See Appendix M for specific information about the program.

n. Cultural Resources. The installation's goal is to manage the cultural resources under Army control in compliance with the Federal laws and in a spirit of stewardship of America's historic and cultural heritage. Cultural resources include those places, objects, documents, collections, and customs covered by public laws and regulations. Compliance with these laws will be integrated with NEPA compliance and with planning and execution of any undertakings, projects, activities or programs that may affect cultural resources. Appendix N provides more information about this program.

o. Ozone Depleting Chemicals (ODC)/Substances. Management of these substances is necessary to reduce their releases into the atmosphere. These substances destroy the earth's ozone layer which protects life from damaging ultraviolet radiation. It is Army's and Installations' policy to minimize the procurement, use, and emissions of ozone-depleting chemicals (ODCs) to the greatest extent possible. The long-term goal is to eliminate ODCs altogether from the Army's use and inventory. See Appendix O for specific information about the program.

p. Polychlorinated Biphenyls (PCBs). These are toxic chemicals which were commonly used in electric transformer dielectric fluids. Federal regulations banned their manufacture in 1979. Fort Eustis and Fort Story have eliminated all PCB and all PCB-contaminated transformers and switches. The installation continues to remove PCB ballasts associated with lighting fixtures from its buildings. See Appendix P for specific information about the program.

q. Pollution Prevention. The purpose of pollution prevention is to reduce the environmental impacts associated with the Army's mission and to minimize the negative impact of environmental releases on worker health and safety. The installation prepares a pollution prevention plan every three years which serves as a framework for compiling information on hazardous material use and waste generation. It also documents best management practices, training, and environmental outreach programs to promote waste reduction. The components of pollution prevention management are: source reduction, reuse, recycle, and disposal. Appendix Q contains more information about the pollution prevention program.

r. Solid Waste. Solid wastes are defined as any discarded material including materials which are abandoned, recycled, reclaimed, or accumulated speculatively. Examples include; household trash, discarded furniture, construction waste, yard waste, recyclables (aluminum cans, paper, cardboard, scrap metal, and tires). Hazardous Wastes, Universal Wastes, and Non-Hazardous Wastes are special categories of solid waste and are discussed in Appendix H. Radiological Wastes and Medical Wastes are managed by Post Safety and the MEDDAC respectively. ENRD uses an integrated approach to managing solid waste. This means it combines waste disposal along with a strategy for waste minimization by source reduction and recycling. This approach also includes affirmative procurement which promotes the use of recycled products in the manufacture of new items. See Appendix R for specific information about the program.

s. **Affirmative Procurement.** Affirmative procurement (AP) is the name initially given to the buy-recycled purchasing program and has been extended to include the purchase of environmentally preferable products and bio-based products. The federal government, as the country's largest purchaser of goods and services, has the ability to help create and stabilize markets for these types of products. The intent of the program is to also stimulate recycling by providing a market for new products manufactured with recycled materials. Environmentally preferable purchasing, or EPP, is the name of the US Environmental Protection Agency (EPA)'s program to encourage the purchase of products which have lesser or decreased effects on human health and the environment, when compared with competing products or services that serve the same purpose. A bio-based product is "a commercial or industrial product (other than food or feed) that utilizes biological products or renewable domestic agricultural (plant, animal, and marine) or forestry materials." Examples of bio-based products include vegetable-based lubricating oils, building construction panels made with straw or other agricultural fibers, and "tree-free" paper. These products often put materials to use that were destined for the landfill. Since they are usually made of "natural" materials with limited processing, they may also be less toxic and require fewer chemicals and less energy to produce. Appendix S contains information about the requirements of the program.

t. **Hazardous Substance Discharge.** The Army policy is to prevent spills of oil and hazardous substances and to maintain readiness to respond rapidly to spills. A spill is defined as the unpermitted release to the environment of oil or a hazardous substance. Activity personnel are trained so they are familiar with actions to take to prevent spills. These are: proper storage of hazardous materials and wastes, procurement of hazardous materials only in the amount actually needed, accurate inventories of hazardous materials, use of secondary containment, protection of drains and water sources, and use of proper containers. See Appendix T for specific information about the program.

u. **Pesticides.** Pesticides must be applied by trained and licensed personnel in accordance with the Fort Eustis/Story Pest Management Plan. Activities will obtain all approved pesticides and herbicides through the HazMart. Appendix U provides more detail about the use and application of pesticides on the installation.

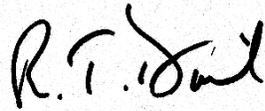
v. **Underground and Aboveground Storage Tanks.** Underground and aboveground storage tanks on the installation store petroleum products such as gasoline or heating oil. Underground storage tanks, which have a capacity over 110 gallons and above ground storage tanks, which contain over 550 gallons, are regulated. This means they must meet standards for corrosion protection, spill and overflow protection, installation, and leak detection. Appendix V contains specific information about the program.

w. **Water Resources – Drinking Water.** Fort Eustis and Fort Story purchase drinking water from Newport News and Norfolk, respectively. The water meets all of the requirements of the Safe Drinking Water Act (SDWA) and applicable state and local regulations. Drinking water provided for the field environment and other military-unique operations will meet the Army Surgeon General directives. Drinking water provided on Army watercraft will meet the drinking water quality standards of the SDWA. The installation will obtain and comply with all necessary Virginia Pollutant Discharge Elimination System (VPDES) permits, water appropriation and use permits, or other permits which may be required for the operation of drinking water treatment systems at both fixed and field facilities. ENRD prepares an Annual Drinking Water Quality Report for Fort Eustis and Fort Story. These reports are located on the installation web site, <https://dpw-web.eustis.army.mil/ENRD/ENRDHome/Index.htm>.

x. **Water Resources – Storm Water and Waste Water.** Storm water results from rain events which carry various sediments and pollutants to eventual discharge to surface water and/or ground water. Pollution prevention measures are used to control or eliminate sources of pollutants in storm water runoff. The installation generates waste water from both sanitary and industrial uses. Waste water is discharged into the sanitary sewer and is treated at plants operated by the Hampton Roads Sanitation District. The installation will obtain and comply with all necessary Virginia Pollutant Discharge Elimination System (VPDES) permits and use permits, or other permits which may be required for the discharge of storm water at both fixed and field facilities. Appendix X discusses specific information about the installation program.

y. **Noise.** The installation noise policies are based on land use compatibilities as indicated by, objective noise levels. Under the environmental noise program, the installation will evaluate the impact of noise that may be produced by ongoing and proposed Army actions/activities, and minimize impacts and annoyance to the greatest extent practicable. The ongoing mission of Fort Eustis does not produce noise levels which are detrimental to the health and welfare of people on and off post. The noise impacts of new missions will be evaluated as necessary.

THE COMMANDER:

Handwritten signature of Robert T. Dail in black ink.

ROBERT T. DAIL
Major General, USA
Commanding

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