



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT
600 ARMY PENTAGON
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DEC 26 2002

MEMORANDUM THRU DIRECTOR OF THE ARMY STAFF

FOR

DEPUTY ASSISTANT SECRETARY OF THE ARMY (ENVIRONMENT, SAFETY AND
OCCUPATIONAL HEALTH, OASA(I&E))

DIRECTOR RESEARCH AND LABORATORY MANAGEMENT, OASA(A,L&T)

SUBJECT: Environmental Quality Technology Program – Army User Requirements

1. This memorandum transmits updated documentation of the user-based needs that form the underlying requirements for the Army environmental quality technology (EQT) program. The EQT user community revalidated these “mission needs” and their respective performance metrics. Since each pillar technology team has independently prepared these performance metrics, the level of development varies by pillar. These updated needs statements and their associated performance metrics are used in developing the overall EQT program resource requirements for the FY06-11 POM and in identifying unfinanced requirements for consideration in the POM process.

2. Background.

a. Documentation of user requirements has been an iterative process since 1993 with official transmissions in 1994, 1999, 2000 and 2001. The procedures for documenting and maintaining requirements were institutionalized with the formation of the Environmental Technology Technical Council in 1997. The process is called the Army Environmental Quality Requirements and Technology Assessments (AERTA) validation. The U.S. Army Environmental Center (USAEC) manages the central AERTA repository and the documentation process.

b. The need for developing and documenting these requirements is multi-faceted. The Assistant Deputy Under Secretary of Defense for Environment (ADUSD(E)) requires each service to submit its technology requirements to the Environmental Security Technology Requirements Groups (ESTRG). Through the ESTRG, environmental quality technology user requirements are organized, evaluated, coordinated and documented in the DoD ESOH Requirements Strategy. This strategy is used by the ADUSD(E) and the Director, Defense Research and Engineering to ensure all environmental research, development, testing and evaluation efforts are consistent with DoD priorities.

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c. Within Army, these requirements are utilized by the Technology Teams to prepare technology management plans for each program pillar, forming a basis for the Environmental Technology Investment Strategy. This iteration presents a better validated and coordinated set of requirements, with associated performance metrics, and more realistic cost information.

3. Enclosed are Fiscal Year 2002 Final Army Requirements. These requirements represent Army's environmental technology needs to support mission accomplishment with least impact or threat to the environment. They were prepared using standard and consistent procedures described in detail in the Executive Summary. Significant changes from FY01 requirements are also described in the Executive Summary. The titles and tags by environmental pillar are summarized on pages v-vi and followed by a detailed discussion of each requirement.

4. USAEC maintains the AERTA database online. The website is located on the DoD restricted part of the Defense Environmental Network and Information eXchange (DENIX) at <http://www.denix.osd.mil/denix/DOD/Policy/Army/Aerta/tncstop.html>. Point of contact for this action is Mr. Joe R Schroeder, (703) 693-0544.

Encl



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