



DEPARTMENT OF THE ARMY  
ASSISTANT CHIEF OF STAFF FOR INSTALLATION MANAGEMENT  
600 ARMY PENTAGON  
WASHINGTON DC 20310-0600



REPLY TO  
ATTENTION OF

DAIM-ED

AUG 04 1999

MEMORANDUM THRU DIRECTOR OF THE ARMY STAFF

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

FOR DIRECTOR RESEARCH & 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 has put significant effort into updating these "mission needs," especially in the areas of assessing priorities and developing performance metrics, in the form of proposed exit criteria. Since each pillar technology team has independently prepared these exit criteria, their level of development varies by pillar. Each technology team understands the additional level of effort needed to finalize the exit criteria during the process of developing the EQT program plans and funding requirements for the FY02-07 POM. It is critical that these updated needs statements and their associated exit criteria be used in developing the over-all EQT program resource requirements for the FY02-07 POM, and that any unfinanced requirements be clearly identified and vigorously pursued in the POM process.

2. Background.

a. Documentation of these requirements has been an iterative process. While this effort has been ongoing more or less continuously since 1993, the last official transmission was 4 Feb 1994 (see enclosure 1). With the formation of the Environmental Technology Technical Committee in 1997, the procedures for documenting and maintaining requirements have become more institutionalized. The process is now called the Army Environmental Requirements and Technology Assessments (AERTA) process. 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 Deputy Under Secretary of Defense (Environmental Security) (DUSD(ES)) requires each Service to submit its technology requirements to the Environmental Security Technology Requirements Group (ESTRG). Through the ESTRG, environmental quality technology user requirements are organized, evaluated, coordinated and documented in the DOD ESOH Requirements Strategy. That strategy document is used by both the DUSD(ES) and the Director,

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Defense Research and Engineering (DDR&E) to assure that all environmental research, development, testing and evaluation efforts are consistent with DoD priorities.

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

3. Enclosure 2 provides the Fiscal Year 1999 Final Army Requirements. The requirements described therein represent the Army's most critical research, development, test and evaluation (RDT&E) needs to support mission accomplishment with the least impact or threat to the environment. The requirements were prepared using standard and consistent procedures, which are discussed in detail in the Executive Summary. The titles, tags, and rank by pillar of the Army's are summarized on pages 3-4 of the enclosure, followed by 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://128.174.5.51/denix/DOD/Policy/Army/Aerta/default.html>. The point of contact for this action is George Carlisle, 693-0551.

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R.L. VAN ANTWERP  
Major General, GS  
Assistant Chief of Staff  
for Installation Management