



AFCESA **A-GRAM**



AIR FORCE CIVIL ENGINEER SUPPORT AGENCY

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AIR FORCE WATER CONSERVATION GUIDEBOOK

SYNOPSIS:

The Air Force Water Conservation Guidebook is now published and available on the AFCESA website. The guidebook is designed to aid bases in implementing the requirements of the federal water conservation goal mandated by Executive Order (EO) 13123.

THE FEDERAL WATER CONSERVATION GOAL:

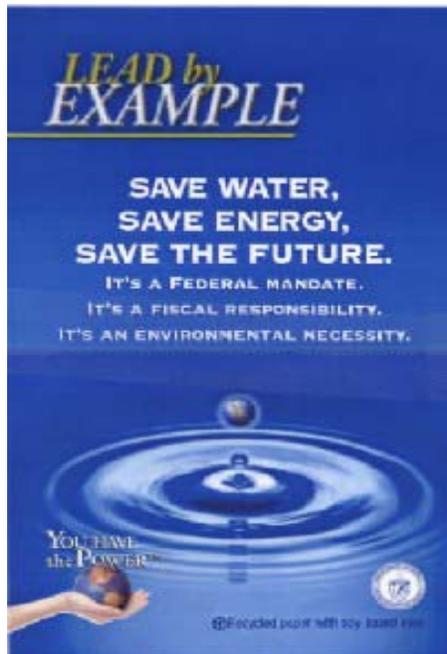
EO 13123 required the federal government to establish a water conservation goal for all federal agencies. This goal was published in July 2000 and is called the Federal Water Efficiency Improvement Goal. The goal requires each installation to develop a water management plan (there are specific criteria that must be included) and to implement four of the ten Federal Water Efficiency Best Management Practices (BMPs).

THE GUIDEBOOK:

The Air Force Water Conservation Guidebook is designed to significantly reduce the workload bases face in complying with the federal water conservation goal. Compliance with the goal previously has been seen as an overwhelming process because of the work involved and the level of detail required. This guidebook greatly simplifies the process by allowing bases to use assumptions and estimates in place of hard data. It also provides templates, examples, equations, and other information to make the process much easier.

The guidebook walks users through the development of a Water Management Plan. All bases are required to have such a plan, meeting the goal criteria, by 2005. The guidebook also helps evaluate the cost effectiveness of each of the ten Water Efficiency BMPs at your particular site.

In addition, the guidebook contains a



format for annual reporting of the status of base water management programs. The Defense Utility Energy Reporting System (DUERS) will be used to report quantities of water used. However, the goal requires a significant amount of additional information to be reported that cannot be put into DUERS.

While use of the guidebook is optional, compliance with EO 13123 and the goal it mandates is not.

The guidebook is particularly valuable because it allows bases to develop their water management plans and evaluate Best Management Practices in house. If a base decides to contract out this work, the cost of such a contract will be greatly reduced if the contractor uses the guidebook format. It should also be noted that HQ AFCESA has contractors with experience in this area who are available to do water management plans. Contact the POC below for more information on accessing one of these contractors to develop your water management plan.

GETTING THE GUIDEBOOK:

The guidebook, together with information on Executive Order 13123 and the new federal water conservation goal, can be found on the Water Systems section of the AFCESA website. The address is

<http://www.afcesa.af.mil/Directorate/CES/Civil/Water/Water.htm>

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