

**BY ORDER OF THE COMMANDER
436TH AIRLIFT WING**

**DOVER AIR FORCE BASE
INSTRUCTION 32-1003**



16 MAY 2013

Civil Engineering

DROUGHT CONTINGENCY INSTRUCTION

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

ACCESSIBILITY: Publications and forms are available for downloading or ordering on the e-Publishing website at www.e-publishing.af.mil.

RELEASABILITY: There are no releasability restrictions on this publication.

OPR: 436 CES/CEIN

Certified by: 436 CES/CC
(Lt Col Charles O. Kelm)

Supersedes: DOVERAFBI32-1003,
11 December 2000

Pages: 6

This instruction establishes base policy and identifies required actions to be taken when a drought warning or drought emergency is declared by the State of Delaware or the DRBC. Section 4.03.D of the Regulations Governing the Allocation of Water promulgated by DNREC requires Dover AFB to develop and implement, as necessary, a Drought Contingency Plan. This Instruction shall act as the Dover AFB Drought Contingency Plan. All changes to this instruction have been made IAW AFI 33-360, *Publications and Forms Management*, para 2.12.7.3. Refer recommended changes and questions about this publication to the Office of Primary Responsibility (OPR) using the Air Force (AF) Form 847, *Recommendation for Change of Publication*; route AF Form 847s from the field through the appropriate functional's chain of command.

SUMMARY OF CHANGES

This document has been revised to include only administrative changes which are summarized below. Terms and Definitions: ECAMP changed to EOHCAMP (Environmental Occupational Health Compliance Assessment and Management Program). There were changes and deletions made to the following paragraphs: 2.2.1 (Deleted) CFR – Code of Federal Regulations. 2.2.2. (Deleted) DNREC – Delaware Department of Natural Resources and Environment Control. 2.2.3. (Deleted) DRBC – Delaware River Basin Commission. 2.2.4. (Deleted) EOHCAMP – Environmental Occupational Health Compliance Assessment and Management Program. 2.2.5. (Deleted) EPA – U.S. Environmental Protection Agency. 2.2.6. (Deleted) ESOH –

Environmental Safety and Occupational Health Council. 5.2. and 6.2.: Changed 436 MSG/CE to 436 CES 5.2.1. and 6.2.1.: Changed 436 MSG/CEI to 436 CES/CEI 5.2.2. and 6.2.2.: Changed 436 MSG/CEO to 436 CES/CEO. 5.2.2.2.: Changed building number from 480 to 477. 5.2.2.4.: Changed 1600-2100 hours to two hours between 1600-0800 hours. 5.2.3. and 6.2.3.: Changed 436 MSG/CEC to 436 CES/CEN. 5.3. and 6.3.: Changed 436 MSG/SVS to 436 FSS. 5.3.1.: Changed during 0500-0800 and 1600-2100 hours daily to two hours between 1600-0800 hours. 5.4.1. and 6.4.1.: Removed Airlifter from sentences.. 5.5.2.: Changed 1600-2100 hours daily to two hours between 1600-0800 hours. 6.2.3.1.: Changed only between 0500-0800 and 1600-2100 hours only to for two hours between 1600-0800 hours. 6.3.1.: Changed during 0500-0800 and 1600-2100 hours daily to two hours between 1600-0800 hours

1. Purpose. As required by Section 4.03.D of the Regulations Governing the Allocation of Water promulgated by DNREC, Dover AFB is required to develop and implement, as necessary, a Drought Contingency Plan.

1.1. Outlines actions to be taken in the event of a drought warning or emergency declared by the State of or the DRBC.

1.2. A drought warning may request voluntary compliance with water conservation measures or may implement mandatory restrictions.

1.3. A drought emergency requires mandatory compliance with the water conservation. Failure to comply with mandatory requirements can result in legal action by state or local enforcement officers against the offender.

2. Terms and Definitions:

2.1. Terms and definitions used in this instruction are consistent with those defined in the Federal, state, and local environmental regulations.

2.2. Some commonly used abbreviations and acronyms are listed in attachment 1.

3. Scope:

3.1. This instruction is consistent with, and updates the previous Drought Contingency Plan dated 19 February 2008.

3.2. This instruction is consistent with and augments the following Civil Engineering Operational Plans:

3.2.1. Dover AFB Leak Detection and Control Plan.

3.2.2. Dover AFB Stormwater Pollution Prevention Plan.

4. Policy:

4.1. Dover AFB policy is to comply with Federal, state, and local regulations pertaining to permitting, managing, and treating water. The above requirements take precedence if they conflict with this instruction.

4.2. Develop consistent base-wide water conservation measures at all times, not only during drought conditions.

4.3. Consider the long-term risk to the human and natural environment when making water management decisions to include environmental impact analysis and life cycle management costs.

4.4. Implement the actions set forth in Sections 5 and 6 when under a drought warning or a drought emergency.

5. Organizational Responsibilities for a Drought Warning:

5.1. 436 AW/CC.

5.1.1. Acts as ESOH chairperson or appoints acting chairperson.

5.1.2. Provides direction through ESOH to develop and maintain plans and regulations with specific guidelines for base environmental concerns.

5.2. 436 CES.

5.2.1. Through 436 CES/CEI.

5.2.1.1. Establishes and publishes technical policy regarding water conservation measures.

5.2.1.2. Prepares all correspondence to DNREC and EPA regarding water conservation measures.

5.2.1.3. Prepares annual water summary and leak detection and control plan reports for submittal to DNREC.

5.2.2. Through 436 CES/CEO.

5.2.2.1. Prohibits street washing.

5.2.2.2. Installs flow constrictors on hose bibs at vehicle wash areas at/near Building 477, 635, 636, 706, and 914.

5.2.2.3. Eliminates flushing of sewers or fire hydrants exCENT in the interest of public health.

5.2.2.4. Restricts the watering of lawns and shrubs located around Dover AFB facilities. During a drought warning, watering of lawns and shrubs is restricted to two hours between 1600-0800 hours.

5.2.2.5. Restricts the filling/refilling of swimming pools and wading pools. During a drought warning, swimming pools and wading pools may be filled/refilled between 0500-0800 or 1600-2100 hours.

5.2.3. Through 436 CES/CEN.

5.2.3.1. Restricts the watering of lawns and shrubs associated with active projects located around Dover AFB facilities. During a drought warning, watering of lawns and shrubs is restricted to 1600-2100 hours.

5.3. 436 FSS.

5.3.1. Restricts golf course watering to tees and greens to two hours between 1600-0800 hours.

5.3.2. Serves water to customers in base eating establishments only when specifically requested.

5.4. 436 AW/PA.

5.4.1. Publicizes the drought warning asking for voluntary support.

5.5. ALL UNITS.

5.5.1. Restricts vehicle washing to 1600-2100 hours daily.

5.5.2. Restricts the watering of lawns and shrubs around Dover AFB facilities to two hours between 1600-0800 hours.

6. Organizational Responsibilities during a Drought Emergency:

6.1. 436 AW/CC.

6.1.1. Acts as ESOH chairperson or appoints acting chairperson.

6.1.2. Provides direction through ESOH to develop and maintain plans and regulations with specific guidelines for base environmental concerns.

6.2. 436 CES.

6.2.1. Through 436 CES/CEI.

6.2.1.1. Establishes and publishes technical policy regarding water conservation measures.

6.2.1.2. Prepares all correspondence to DNREC and EPA regarding water conservation measures.

6.2.1.3. Prepares annual water summary and leak detection and control plan reports for submittal to DNREC.

6.2.2. Through 436 CES/CEO.

6.2.2.1. Bans the washing of streets, parking lots and other paved surfaces including the washing of hangar floors exCENT in an emergency.

6.2.2.2. Bans the flushing of sewers exCENT when deemed necessary in the interest of public health and safety.

6.2.2.3. Bans the opening of fire hydrants for any purpose other than to fight fires.

6.2.2.4. Bans the watering of lawns around Dover AFB facilities.

6.2.2.5. Bans the filling/refilling of swimming pools and wading pools..

6.2.3. Through 436 CES/CEN.

6.2.3.1. Water can be applied to implement re-vegetation following new construction or alteration work to prevent soil erosion. This can be accomplished for two hours between 1600-0800 hours for a 60 day period after seeding or sodding.

6.3. 436 FSS.

6.3.1. Restricts golf course watering to tees and greens to two hours between 1600-0800 hours.

6.3.2. Serves water to customers in base eating establishments only when specifically requested.

6.4. 436 AW/PA.

6.4.1. Publicizes the drought emergency indicating mandatory compliance with these requirements.

6.5. ALL UNITS.

6.5.1. The washing of government vehicles will be allowed only during the swing shift (1600-2400 hours) and then only when deemed mission essential by unit commanders. Vehicles should be washed from hand held hoses with manually operated flow control nozzles.

6.5.2. The watering of lawns and shrubs around Dover AFB facilities is banned.

6.5.3. The washing of floors within each organization is banned exCENT in an emergency.

RICHARD G. MOORE, JR., Colonel, USAF
Commander, 436th Airlift Wing

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

AFMAN 33-363, *Management of Records*, 8 November 2008

Prescribed Forms

None

Adopted Forms

AF Form 847, *Recommendation for Change of Publication*

Abbreviations and Acronyms

AFB—Air Force Base

AW—Air Wing

CC—Commander

CES—Civil Engineer Squadron

CFR—Code of Federal Regulations

DNREC—Delaware Department of Natural Resources and Environmental Control

DRBC—Delaware River Basin Commission

ECAMP—Environmental Compliance Assessment and Management Program

EOHCAMP—Environmental Occupational Health Compliance Assessment and Management Program

EPA—U.S. Environmental Protection Agency

ESOH—Environmental Safety and Occupational Health Council

FSS—Force Support Squadron

MSG—Mission Support Group

PA—Public Affairs

TBD—To Be Determined