

STATE OF CALIFORNIA

**DOMESTIC WATER SUPPLY PERMIT**

ISSUED TO

U.S. AIR FORCE – BEALE AIR FORCE BASE

BY THE

CALIFORNIA DEPARTMENT OF HEALTH SERVICES



WATER SYSTEM ID NO. 5810700

WATER SUPPLY PERMIT NUMBER 01-21-01P58001

DATE: MAY 9, 2001

***WHEREAS:***

1. The Department of Health Services, pursuant to Section 116525(c) of the California Health and Safety Code, has determined that the U.S. Air Force shall be granted a domestic water supply permit to operate the public water system serving the Beale Air Force Base in Yuba County.
2. This public water system is known as the “Beale Air Force Base Water System” whose headquarters is located at Beale Air Force Base in Yuba County.
3. The legal owner of the Beale Air Force Base Water System is the U.S. Air Force. The U.S. Air Force, therefore, is responsible for compliance with all statutory and regulatory drinking water requirements and the conditions set forth in this permit.
4. The public water system is described in detail in the attached March 2001 Engineering Report, prepared by the Drinking Water Field Operations Branch.
5. The service area of the Beale Air Force Base Water System is shown in Figure 1 in the March 2001 Engineering Report.

***And WHEREAS:***

1. The Department of Health Services has obtained all of the required information relating to the operation of the Beale Air Force Base Water system.

2. The Department of Health Services has evaluated all of the information obtained for the Beale Air Force Base Water System and has conducted a physical investigation of the Beale Air Force Base Water System.
3. The California Department of Health Services has the authority to issue domestic water supply permits pursuant to Health and Safety Code Section 116540.

***THEREFORE:*** The California Department of Health Services has determined the following:

1. The Beale Air Force Base Water System meets the criteria for and is hereby classified as a “community water system”.
2. The design of the existing water system complies with the Water Works Standards and all applicable regulations.
3. Provided the following conditions are complied with, the Beale Air Force Base Water System should be capable of providing water to consumers that is pure, wholesome, and potable and in compliance with statutory and regulatory drinking water requirements.

***THE U.S. AIR FORCE IS HEREBY ISSUED THIS DOMESTIC WATER SUPPLY PERMIT TO OPERATE THE BEALE AIR FORCE BASE COMMUNITY WATER SYSTEM AS DESCRIBED IN THIS PERMIT.***

The Beale Air Force Base Water System shall comply with the following permit conditions:

1. Beale Air Force Base shall utilize only Wells 1 through 9, as identified in the enclosed March 2001 Engineering Report, to supply the domestic water system.
2. If there is a change in the method of disinfection or chemical/physical treatment, Beale Air Force Base shall let the Department of Health Services know of such change. A change in these methods will require a permit amendment.
3. Beale Air Force Base shall maintain a raw water-sampling program, which shall consist of collecting at least one raw water bacteriological sample per calendar quarter from each well. If coliform is present, a coliform density shall be determined. All results shall be reported to the Department of Health Services by the 10<sup>th</sup> of the following month.
4. Beale Air Force Base shall maintain disinfection, iron/manganese treatment, and fluoridation records. The records shall show the amount of chlorine, sequestering agent, and fluoride used each day. In addition, the records shall also show the quantity of water produced by each well each day.
5. Beale Air Force Base is classified as T2 and D2 for the treatment and distribution facilities, respectively. A minimum Grade 2 water treatment plant operator and distribution operator are required to operate the domestic water system.

6. Beale Air Force Base shall expeditiously proceed with the construction of a treatment plant for the removal of manganese and iron.
7. Beale Air Force Base shall fluoridate its water supplies to achieve an optimal fluoride level of 0.8 mg/L with a control range of 0.7 to 1.3 mg/L. Beale Air Force Base shall maintain daily operational records including, as a minimum, flow rates, total volume of water treated, total volume of fluorosilicic acid used, operational changes, and unusual occurrences. A monthly report summarizing these records shall be submitted to the Department of Health Services by the 10<sup>th</sup> of the following month.

This permit supersedes all previous domestic water supply permits issued for this public water system and shall remain in effect unless and until it is amended, revised, reissued, or declared to be null and void by the California Department of Health Services. This permit is non-transferable. Should the Beale Air Force Base Water System undergo a change of ownership, the new owner must apply for and receive a new domestic water supply permit.

Any change in the source of water for the water system, any modification of the method of treatment as described in the Engineering Report, or any addition of distribution system storage reservoirs shall not be made unless an application for such change is submitted to the California Department of Health Services.

This permit shall be effective as of the date shown above.

For the Department of Health Services

Gunther L. Sturm  
Valley District Engineer  
Drinking Water Field Operations Branch